

PROJECT LICENSED PROFESSIONAL CERTIFICATES

Spance T. Rois			
Spencer Beier	DUKE H DO		
Mar 7, 2023 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	Mar 7, 2023 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
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NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

FILE NAME	T:\412334\XL5379 SR 20 Boo	on Rd to Ault FleId Paving\CAE_XL5379\CAD\ContractPla	ans\XL5379_P	S_INVM_01.do	ın						Plot 1
TIME	4:14:24 PM			REGION NO	STATE	FED.AID PROJ.NO.				SR 20	PLAN REF NO
DATE	1/10/2023			10	WASH						CT1
PLOTTED BY	konklet				WASH					BOON RD VIC TO AULT FIELD RD VIC	"
DESIGNED BY	J. RABENSTEIN			JOB N					Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	R. ANTOS			22A	046				3		2
CHECKED BY	E. WINTER			CONTR	ACT NO.	LOCATION NO.			Department of Transportation		_ OF
PROJ. ENGR.	S. BEIER						DATE	DATE	-	CERTIFICATION SHEET	91 SHEETS
REGIONAL ADM.	. B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX		OLIVIII IOATION GILLI	SILLIS

2/23/2023

SUMMARY OF QUANTITIES

I r - r		OUD TOTAL	OUD TOTAL				1		1					1	1		1	1		1		
		SUB-TOTAL	SUB-TOTAL				GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6	GROUP 7								. !	1
ITEM	TOTAL	SECTION		STD.			SR 20	SR 20	SR 20	SR 20	ADA CURB	ADA CURB	THIRD									
NO		I-07.2(1)	I-07.2(2)	TEM	UNIT	ITEM	MP 28.58	MP 30.26	MP 33.19	MP 34.45	RAMP I/S	RAMP I/S	PARTY								. !	1 1
	QUANTITY	OF		NO.			TO	TO	TO	TO	IN CITY OF	IN ISLAND	DAMAGES								. !	1 1
		STANDARD SPECS	STANDARD SPECS				MP 30.26	MP 30.32	MP 34.45	MP 34.89	OAK	COUNTY									. !	1
		3FL03	3FLC3								HARBOR											
						PREPARATION	Щ														J	
1	LUMP SUM	LUMP SUM	LUMP SUM (0001	L.S.	MOBILIZATION	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.		1			1				. !	
2	LUMP SUM	LUMP SUM	İ	0050	L.S.	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	ii	İ	ĺ	ĺ	L.S.			ĺ	ĺ		İ	ĺ				
3 1	LUMP SUM	LUMP SUM				REMOVING MISCELLANEOUS TRAFFIC ITEM	L.S.	L.S.	L.S.	L.S.				! 	! 		I	1	i		;	
	LOWI COW	1	1	1		I I I I I I I I I I I I I I I I I I I	11	1	1	1				! 	! 		<u>.</u> I	<u> </u>			!	-
<u>}</u>		<u>l</u>		<u></u>		L CRADING		1	<u> </u> 	1				<u> </u> 	<u> </u> 		<u> </u>	<u> </u>	1			
		1				GRADING]	<u> </u>	<u> </u>					<u> </u>	<u> </u>		1	<u> </u>	1			<u> </u>
4	3090.00	450.00	2640.00	0332	S.Y.	PAVEMENT REPAIR EXCAVATION INCL. HAUL	2,110.00	10.00	440.00	530.00				<u> </u>	<u> </u>		<u> </u>	<u> </u>				<u> </u>
] [
						SURFACING]															
5	700.00	40.00	660.00	5100	TON	CRUSHED SURFACING BASE COURSE	120.00	1		530.00	40.00	10.00					1	1			. !	
liii		1	j	Ti		1	II	1	1	1				1	1		1	1	1	j		
Litt		i		- i		LIQUID ASPHALT	ii	i	İ	i				İ	İ		İ	İ	İ			<u> </u>
6	10.80	7.00	3.80 5	5340 I	TON	ASPHALT FOR FOG SEAL	3.00	2.20	4.80	0.80				İ	İ		i	i	i			† †
	10.00	1	0.50	1] <u> </u>	1	I	1 0.00				l I	I I		<u> </u>	1	1			+ +
1		<u> </u>	<u> </u>	<u> </u>		LIOT MIX ACRUAL T	11	<u>1</u> 1	<u> </u> 	<u> </u>				<u> </u> 	<u> </u> 	1	<u>1</u> 1	<u> </u>	1			
I ├ +		1 5000.00			DC:	HOT MIX ASPHALT	!!	1		1				<u> </u>	<u> </u>		1	<u> </u>	1			
7	5000.00	5000.00				CRACK SEALING - FA	<u> </u>	<u> </u>	5,000.00								<u> </u>					<u> </u>
8	65150.00	29110.00				PLANING BITUMINOUS PAVEMENT	29,420.00	1,530.00	27,580.00	6,620.00							1					<u> </u>
9	451.00	101.00	350.00	5739	TON	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	230.00	1.00	40.00	110.00	60.00	10.00					1					
10	6690.00	2990.00	3700.00	5767	TON	HMA CL. 1/2 IN. PG 58H-22	3,020.00	160.00	2,830.00	680.00							1					
11	27678.00	12222.00	15456.00	5830	DOL	JOB MIX COMPLIANCE PRICE ADJUSTMENT	12,600.00	672.00	11,550.00	2,856.00							1					
12	18452.00	8148.00	10304.00	5835	DOL	COMPACTION PRICE ADJUSTMENT	8,400.00	448.00	7,700.00	1,904.00							Ī					
13	7545.00	3282.00	4263.00	5837	DOL	ASPHALT COST PRICE ADJUSTMENT	3,022.00	160.00	3,122.00	1,241.00				ĺ	ĺ		İ	İ	İ			i i
14	-4.00	-2.00				SMOOTHNESS COMPLIANCE ADJUSTMENT	-1.00	-1.00	-1.00	-1.00				! 	! 		İ	i	İ		-	
		1		1			11	1	i	1				i	i		i	ì				†
 		<u> </u>	ll_	<u>_</u>		EROSION CONTROL AND ROADSIDE PLANTING	11	<u> </u>	! 					! 	! 		<u> </u>	<u> </u>	<u> </u>		!	
15	10.00	15.00	4.00	2471	EVCH		<u> </u>	2.00	13.00	4.00				l I	l I		1	<u> </u>	1			
15	19.00					INLET PROTECTION] <u> </u>				4.500.00	400.00		<u> </u>	<u> </u>		<u> </u>	1	1			
16	19200.00	8200.00				EROSION/WATER POLLUTION CONTROL	8,500.00	300.00	6,400.00	2,100.00	1,500.00	400.00		<u> </u>	<u> </u>		<u> </u>	<u> </u>				!
17	LUMP SUM	LUMP SUM	LUMP SUM		L.S.	ROADSIDE RESTORATION	<u> </u>	<u> </u>			L.S.	L.S.						<u> </u>				<u></u>
]	1									1					
						TRAFFIC][1
18	717.00	612.00	105.00	6700	L.F.	CEMENT CONC. TRAFFIC CURB AND GUTTER]				612.00	105.00						1				<u> </u>
19	444.00	385.00	59.00	6707	L.F.	CEMENT CONC. PEDESTRIAN CURB	11				385.00	59.00										
20	187.00	44.00	143.00	6832	EACH	FLEXIBLE GUIDE POST	143.00	1	44.00					1	1		1	1		İ		
21	61870.00	24170.00				PLASTIC LINE	32,510.00	3,160.00	21,010.00	5,190.00				I			1	1		İ	į	i i
22	18420.00	13750.00				PROFILED PLASTIC LINE	2,910.00	1,980.00	11,770.00	1,760.00				İ	İ		i	İ	i			<u> </u>
23	750.00	490.00				PLASTIC CROSSWALK LINE]	1	490.00	260.00				İ	İ		i	i	i			
24	292.00	120.00				PLASTIC STOP LINE	122.00	<u>1</u> 	120.00	50.00				I	I	<u> </u>	<u>1</u> 1	1	1	<u> </u>		+
I :							' '	<u> </u> 						<u> </u> 	<u> </u> 		<u> </u>	<u> </u>	1			+
25	41.00	34.00				PLASTIC TRAFFIC ARROW	3.00	1 0.00	34.00	4.00				<u> </u>	<u> </u>		<u> </u>	<u> </u>	1			
26	31.00	8.00				PLASTIC DRAINAGE MARKING	18.00	2.00	6.00	5.00				<u> </u>	<u> </u>		ļ	<u> </u>				<u> </u>
27	1.50					CENTERLINE RUMBLE STRIP	1.50	1		1							1					<u> </u>
28	2.60		2.60	6892	MI.	SHOULDER RUMBLE STRIP TYPE 4	2.40	<u> </u>		0.20							<u> </u>					<u> </u>
29	0.70	0.60	0.10	6882	HUND	RAISED PAVEMENT MARKER TYPE 1]	<u> </u>	0.60	0.10				<u> </u>	<u> </u>		<u> </u>	<u> </u>				<u> </u>
30	6.00	2.90	3.10	6884	HUND	RAISED PAVEMENT MARKER TYPE 2	1.60	0.10	2.80	1.50				1	1		1	1		j		
31	LUMP SUM	i				PERMANENT SIGNING	ii	i	i	i		L.S.		i	İ		i	i	i			
32	84.00	72.00				TEMPORARY MISC. PAVEMENT MARKINGS - SHORT DURATION	4.00	4.00	68.00	8.00				I	i I		İ	i i	i			
33	618.00	274.00				TEMPORARY STOP LINE - SHORT DURATION	244.00	34.00	240.00	100.00	<u> </u>	<u> </u>		! 	I		<u>.</u> 	i i	1	<u> </u>		-
I :		980.00				TEMPORARY CROSSWALK LINE - SHORT DURATION] <u> </u>	I 54.00	980.00	530.00				I	I	<u> </u>	<u>I</u>	1	1	<u> </u>		<u>-</u>
34	1510.00							1 0 040 00						<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	1			
35	179170.00	74220.00	104950.00	0895	L.F.	TEMPORARY PAVEMENT MARKING-SHORT DURATION	93,620.00	3,040.00	71,180.00	11,330.00					l		İ	l				

GROUP	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
LEGEND	1	020	153100	**	FEDERAL
	2	020	153102	*	FEDERAL
	3	020	153102	*	FEDERAL
	4	020	153100	**	FEDERAL
	5	020	153102	*	FEDERAL
	6	020	153100	**	FEDERAL
	7	020	153100	**	STATE

		REGIO	N STATE	FEDERAL AID PROJECT. NO.		OD 00	SQ1	
			\A/A	0020(195)		SR 20	301	
		10	WA		Washington State	BOON RD VIC TO AULT FIELD RD VIC	SHEET	_
			NUMBER		Department of Transportation	PAVING & ADA COMPLIANCE	3	
		22.	A046/3		Department of Transportation		OF	
		CON	TRACT NO			SUMMARY OF QUANTITIES	91	
DATE	REVISION E	O(00000				SHEETS	

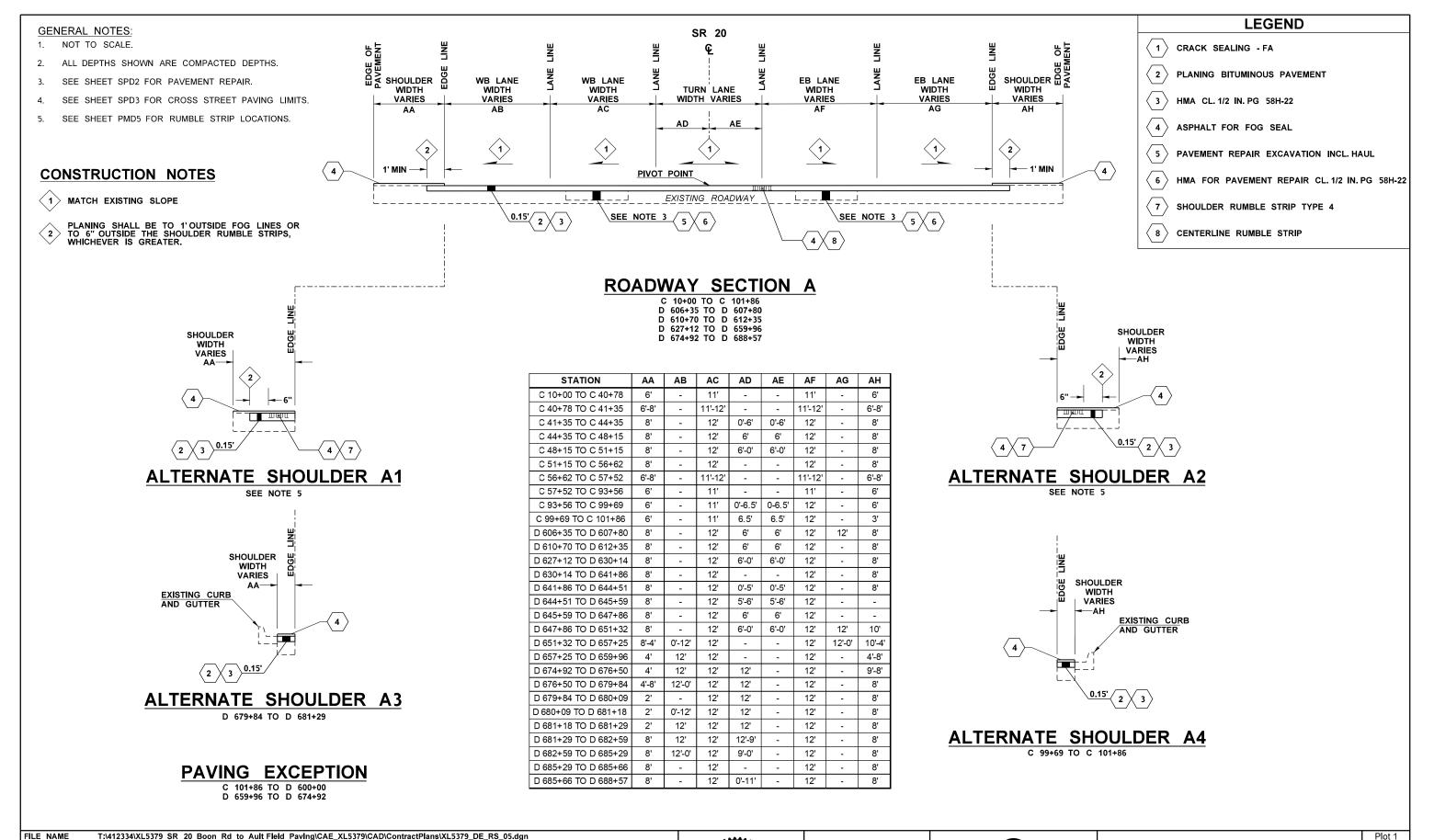
2/23/2023

SUMMARY OF QUANTITIES

	SUB-TOTAL	SUB-TOTAL	1 1																		
		**				GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6	GROUP 7									
TOTAL	SECTION	SECTION	STD.			SR 20	SR 20	SR 20	SR 20	ADA CURB	ADA CURB	THIRD									
IANITITY	I-07.2(1)	I-07.2(2)	ITEM	UNIT	ITEM	MP 28.58	MP 30.26	MP 33.19	MP 34.45	RAMP I/S	RAMP I/S	PARTY									
JANTIT			INO.									DAMAGES									
	SPECS	SPECS				WII 30.20	WII 30.32	WII 54.45	WII 34.03	HARBOR	0001111										
JMP SUM	LUMP SUM		6912	L.S.	TRAFFIC SIGNAL SYSTEM SAB 4992			L.S.					<u> </u>					1	1 1		
JMP SUM		LUMP SUM	6912	L.S.	TRAFFIC SIGNAL SYSTEM SAB 2603	ii	İ	ĺ	L.S.		i		İ		i		İ	İ	i i	i	i
270.00	110.00	160.00	6920	HR	AUTOMATED FLAGGER ASSISTANCE DEVICE	125.00	10.00	100.00	35.00		ĺ		İ		ĺ		İ	İ	i i	İ	i
JMP SUM	LUMP SUM	LUMP SUM	6971	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.		İ		ĺ		İ	İ	i i	İ	i
5000.00	9000.00	16000.00	7572	DOL	WORK ZONE SAFETY CONTINGENCY	13,100.00	300.00	6,700.00	2,400.00	2,000.00	500.00		ĺ				İ			j	
528.00	204.00	324.00	6982	S.F.	CONSTRUCTION SIGNS CLASS A	240.00	48.00	156.00	84.00												
465.00	50.00	415.00	6822	L.F.	PLASTIC CROSSHATCH MARKING	255.00	1	50.00	160.00												
2390.00	1370.00	1020.00	6818	L.F.	PLASTIC WIDE LINE	600.00	90.00	1,280.00	420.00				1				1				
JMP SUM	LUMP SUM			L.S.	TEMPORARY VIDEO DETECTION SYSTEM SAB 4992	ĴĹ	1	L.S.					1								
JMP SUM		LUMP SUM		L.S.	TEMPORARY VIDEO DETECTION SYSTEM SAB 2603	ĴĹ	1		L.S.				1								Ī
64.70	63.60	1.10		S.Y.	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT	ÍĹ	1			63.60	1.10		1								Ī
JMP SUM	LUMP SUM	LUMP SUM		L.S.	REFERENCING EXISTING PAVEMENT MARKINGS	L.S.	L.S.	L.S.	L.S.												
][1				1	1			
					OTHER ITEMS]	1						1				1	1			
JMP SUM	LUMP SUM	LUMP SUM	7003	L.S.	TYPE B PROGRESS SCHEDULE	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.		1				1				
JMP SUM	LUMP SUM	LUMP SUM	7038	L.S.	ROADWAY SURVEYING	L.S.	L.S.	L.S.	L.S.				1				1				
5000.00	6370.00	8630.00	7040	DOL	LICENSED SURVEYING	6,510.00	290.00	6,080.00	2,120.00								1	1			
JMP SUM	LUMP SUM	LUMP SUM	7042	L.S.	ADA FEATURES SURVEYING	<u> </u>	1			L.S.	L.S.						1	1			
4.00		4.00	7380	EACH	ADJUST MONUMENT CASE AND COVER	2.00	1		2.00								1	1			
166.90	138.40	28.50	7055	S.Y.	CEMENT CONC. SIDEWALK	<u> </u>	1			138.40	28.50						1	1			
7.00	6.00	1.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE PARALLEL A][1			6.00	1.00						1	1			
5.00	3.00	2.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE PARALLEL B][1			3.00	2.00						1				
62.00	62.00		7054	S.F.	DETECTABLE WARNING SURFACE][1			62.00							1				
1.00	1.00		3100	EACH	ADJUST CATCH BASIN		1			1.00			1								
1.00	1.00		3110	EACH	LOCKING SOLID METAL COVER AND FRAME FOR CATCH BASIN][1			1.00							1				
5000.00	2310.00	2690.00	7480	DOL	ROADSIDE CLEANUP	1,950.00	90.00	1,820.00	640.00	400.00	100.00						1				
5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE	JI	1					5.00	1				1	1			1
-6.00	-3.00	-3.00	7728	DOL	MINOR CHANGE	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00		1					1			
		-2.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	-1.00	-1.00	-1.00	-1.00									1	1	1	1
-4.00	-2.00					<u> </u>	1												1 1		
-4.00 JMP SUM	-2.00 LUMP SUM				SPCC PLAN	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.		İ							ĺ	
	MP SUM 270.00 MP SUM 270.00 MP SUM 5000.00 528.00 MP SUM 65.00 MP SUM MP	ANTITY OF STANDARD SPECS MP SUM LUMP SUM MP S	ANTITY	ANTITY	ANTITY	ANTITY	ANTITY	ANTITY	ANTITY STANDARD STANDARD SPECS STA	STANDARD STANDARD STANDARD SPECS SPE	AMTITY SANDARD SPECS SPECS SPECS SPECS SPECS SPECS SPECS SPECS MP 30.26 MP 30.32 MP 30.00 100.0	AMTITY SPECS SPE	AMATTY SOFT STANDARD SPECS NO. STANDARD SPECS NO. STANDARD SPECS STANDARD SPECS STANDARD SPECS STANDARD SPECS STANDARD SPECS STANDARD SPECS STANDARD SPECS STANDARD SPECS SPEC	AMITY STANDARD STANDARD STANDARD SPECS STANDARD SPECS	AMTITY OF OF OF STRICKS STANDARD STA	ANTITY OF STANDARD STANDARD STANDARD SPECS STANDARD SPECS STANDARD SPECS	AMITY OF STANDARD STANDARD SPECS OF SPE	AMITY STAPPORT STAPPORT NO. PROPERTY OF STAPPO	ANTITY STADUTE STREAMS No.	MAINTY SPECIAL STRONG ST	MATTY SPECIAL OF SPECIAL SPECI

GROUP	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
LEGEND	1	020	153100	**	FEDERAL
	2	020	153102	*	FEDERAL
	3	020	153102	*	FEDERAL
	4	020	153100	**	FEDERAL
	5	020	153102	*	FEDERAL
	6	020	153100	**	FEDERAL
	7	020	153100	**	STATE

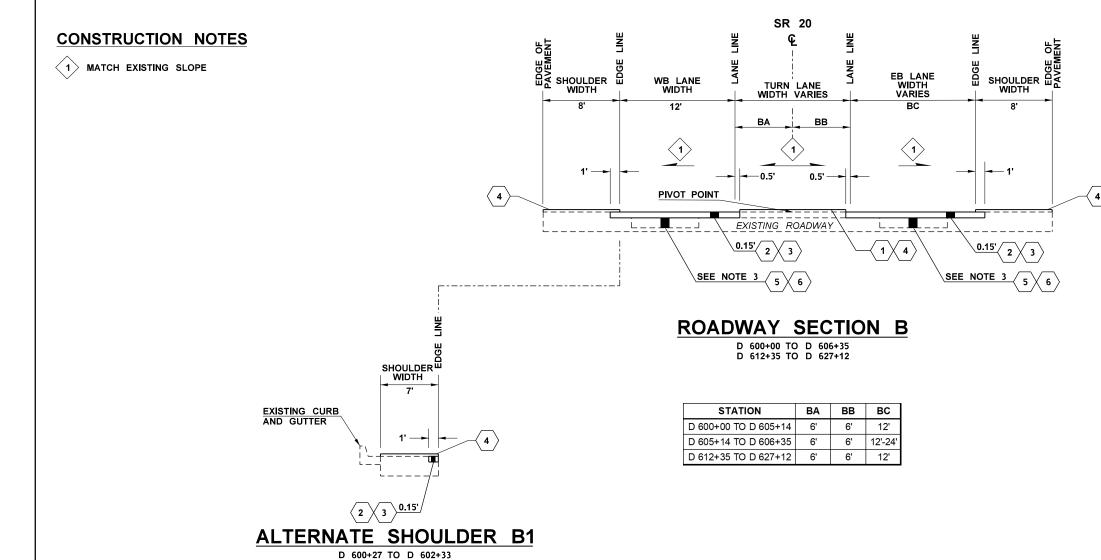
		REGION STATE	FEDERAL AID PROJECT. NO.		CD 00	SQ2
		10 10/4	0020(195)		SR 20	JQZ
		TIU WA		Washington State	BOON RD VIC TO AULT FIELD RD VIC	SHEET
		JOB NUMBER		Department of Transportation	PAVING & ADA COMPLIANCE	4
		22A046/3		Department of Transportation		OF
		CONTRACT NO	1		SUMMARY OF QUANTITIES	91
DATE	REVISION BY	000000				SHEETS



TILE NAME	THE TOTAL CONTRACTOR	on ha to Authliela LavingloAL_XE5575.0AB/contracti land	131XE3373_DE_	ito_os.agii						1 101 1
TIME	4:02:43 PM			REGION STATE	FED.AID PROJ.NO.	Jacob T. As			SR 20	PLAN REF NO
DATE	1/31/2023			10 WASH	1	A STATE OF THE PARTY OF THE PAR				RS1
PLOTTED BY	konklet			10 WASI]	Transit Train			BOON RD VIC TO AULT FIELD RD VIC	
DESIGNED BY	J. RABENSTEIN			JOB NUMBER	1			Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	R. ANTOS			22A046		0 36005 to		9		5
CHECKED BY	E. WINTER			CONTRACT NO.	LOCATION NO.	SIONAL BNO		Department of Transportation		OF
PROJ. ENGR.	S. BEIER					SEE CT1	DATE	_	ROADWAY SECTIONS	91 SHEETS
REGIONAL ADM	R NIFLSEN	REVISION	DATE F	RY		DE STAMP DOY	DE STAMP BOY			SILEETS

GENERAL NOTES

- 1. NOT TO SCALE.
- 2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
- 3. SEE SHEET SPD2 FOR PAVEMENT REPAIR.
- 4. SEE SHEET SPD3 FOR CROSS STREET PAVING LIMITS.



LEGEND
1 CRACK SEALING - FA
2 PLANING BITUMINOUS PAVEMENT
3 HMA CL. 1/2 IN. PG 58H-22
4 ASPHALT FOR FOG SEAL
5 PAVEMENT REPAIR EXCAVATION INCL. HAUL
6 HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22
7 SHOULDER RUMBLE STRIP TYPE 4

 \langle 8 \rangle centerline rumble strip

FILE NAME	T:\412334\XL5379 SR 20 Boo	n Rd to Ault Fleld Paving\CAE_XL5379\CAD\ContractPla	ns\XL5379_D	E_RS	_05.dgn	1	
TIME	4:02:45 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	1/31/2023					WASH	
PLOTTED BY	konklet				יי ן	WASH	
DESIGNED BY	J. RABENSTEIN					IUMBER	
ENTERED BY	R. ANTOS				22A	046	
CHECKED BY	E. WINTER				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	S. BEIER				1		
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY	1		





DATE

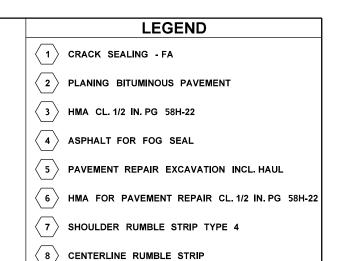
		Plot 2
	SR 20	PLAN REF N
	BOON RD VIC TO AULT FIELD RD VIC	RS2
1	PAVING & ADA COMPLIANCE	SHEET 6 OF
	ROADWAY SECTIONS	91 SHEETS

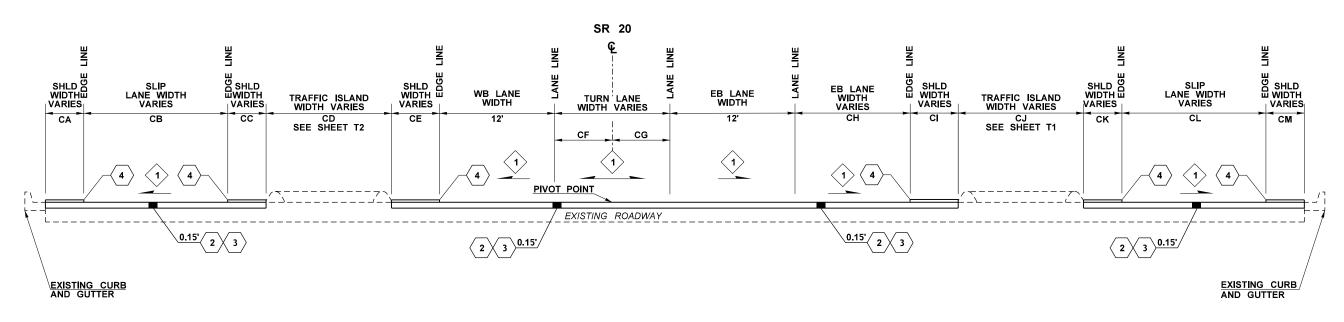
GENERAL NOTES:

- NOT TO SCALE.
- 2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
- 3. SEE SHEET SPD2 FOR PAVEMENT REPAIR.
- 4. SEE SHEET SPD3 FOR CROSS STREET PAVING LIMITS.

CONSTRUCTION NOTES

1 MATCH EXISTING SLOPE





ROADWAY SECTION C

D 607+80 TO D 610+70

STATION	CA	СВ	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	СМ
D 607+80 TO D 608+28	2'-4'	0'-14'	-	-	-	6'	6'	12'	-	-		-	2'-4'
D 608+28 TO D 608+55	4'	14'	3'	0'-40'	3'	6'	6'	12'	-	-	1	-	4'
D 608+55 TO D 608+92	4'	14'	3'	40'-0	3'	6'	6'	12'	-	-	-	-	4'
D 608+92 TO D 609+64	-	-	-	-	-	6'	6'	12'-0'	-	-	-	-	-
D 609+64 TO D 610+01	3'	-	-	-	-	6'	6'	-	3'	0'-35'	3'	14'	4'
D 610+01 TO D 610+29	3'	-	-	-	-	6'	6'	-	3'	35'-0'	3'	14'	4'
D 610+29 TO D 610+70	3'	-	-	-	-	6'	6'	-	-	-	-	14'-0'	4'

FILE NAME	T:\412334\XL5379 SR 20 Boo	n Rd to Ault Fleid Paving\CAE_XL5379\CAD\ContractPla	ıns\XL5379_DI	E_RS_	05.dgn		
TIME	4:02:45 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	1/31/2023					WASH	
PLOTTED BY	konklet				יי ן	WASH	
DESIGNED BY	J. RABENSTEIN					IUMBER	
ENTERED BY	R. ANTOS				22A	046	
CHECKED BY	E. WINTER				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	S. BEIER						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			





		Plot 3
	SR 20	PLAN REF
	BOON RD VIC TO AULT FIELD RD VIC	RS3
on	PAVING & ADA COMPLIANCE	SHEET 7 OF
	ROADWAY SECTIONS	91 SHEETS

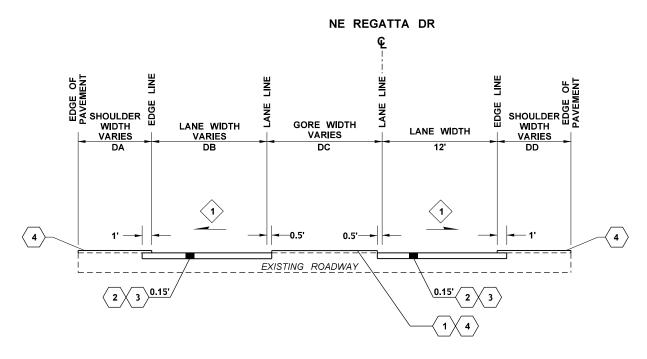
GENERAL NOTES:

- NOT TO SCALE.
- 2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
- 3. SEE SHEET SPD2 FOR PAVEMENT REPAIR.
- 4. SEE SHEET SPD3 FOR CROSS STREET PAVING LIMITS.

CONSTRUCTION NOTES



1 MATCH EXISTING SLOPE



ROADWAY SECTION D

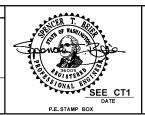
R 800+00 TO R 805+65

STATION	DA	DB	DC	DD
R 800+00 TO R 800+36	8'	12'	0'	8'
R 800+36 TO R 802+32	8'	12'	0'-10'	8'
R 802+32 TO R 803+07	-	12'-0'	10'-17'	8'
R 803+07 TO R 805+65	-	-	17'-0'	8'-10'

LEGEND

- 1 CRACK SEALING FA
- 2 PLANING BITUMINOUS PAVEMENT
- 3 HMA CL. 1/2 IN. PG 58H-22
- 4 ASPHALT FOR FOG SEAL
- 5 PAVEMENT REPAIR EXCAVATION INCL. HAUL
- 6 HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22
- 7 SHOULDER RUMBLE STRIP TYPE 4
- 8 CENTERLINE RUMBLE STRIP

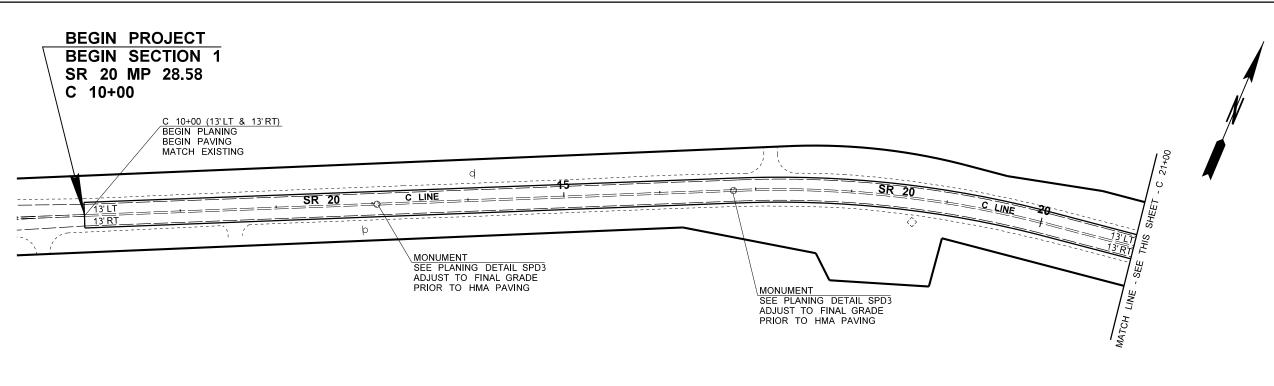
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DATE	1/31/2023					WASH	
PLOTTED BY	konklet				10	WASH	
DESIGNED BY	J. RABENSTEIN					UMBER	
ENTERED BY	R. ANTOS				22A	046	
CHECKED BY	E. WINTER				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	S. BEIER						
DECIONAL ADM	D MIELCEN	DEVISION	DATE	DV	l		

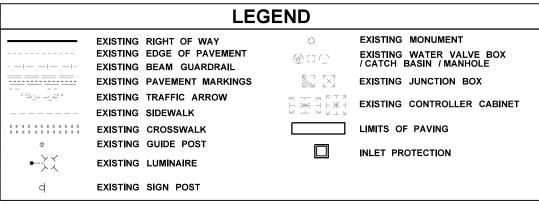




DATE

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		Plot 4
	SR 20	PLAN REF NO
	BOON RD VIC TO AULT FIELD RD VIC	RS4
	PAVING & ADA COMPLIANCE	SHEET 8 OF
	ROADWAY SECTIONS	91 SHEETS

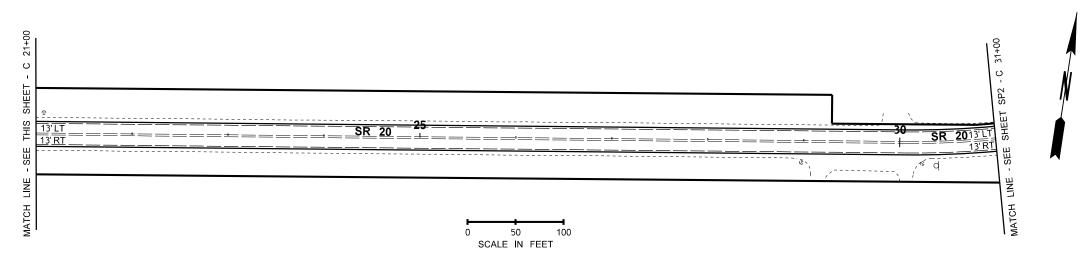




- 1. UNLESS OTHERWISE SHOWN IN THE PLANS, THE EXISTING PAVEMENT MARKINGS SHALL BE REFERENCED, DOCUMENTED, AND REPLACED IN ACCORDANCE WITH EXISTING CONDITIONS. SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
- 2. FOR PAVEMENT REPAIR AREAS AND DETAILS, SEE SHEET SPD2.
- FOR EXISTING MONUMENT, MANHOLE, AND WATER VALVE LOCATIONS AND PLANING DETAIL, SEE SHEET SPD3.
- 4. IN ACCORDANCE WITH RCW 58.09.130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY. SEE SHEET SPD3 FOR DETAILS.

DATE

5. SEE SHEET SPD3 FOR INTERSECTION PAVING AND PLANING DETAIL.



FILE NAME	T:\412334\XL5379 SR 20 Boo	n Rd to Ault Fleid Paving\CAE_XL5379\CAD\ContractPla	ins\XL5379_P	S_SP_	11.dgn			
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DATE	1/31/2023					WASH		
PLOTTED BY	konklet				10	WASH		<
DESIGNED BY	J. RABENSTEIN				JOB N			
ENTERED BY	R. ANTOS				22A	046		
CHECKED BY	E. WINTER				CONTR	ACT NO.	LOCATION NO.	1
PROJ. ENGR.	S. BEIER							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				





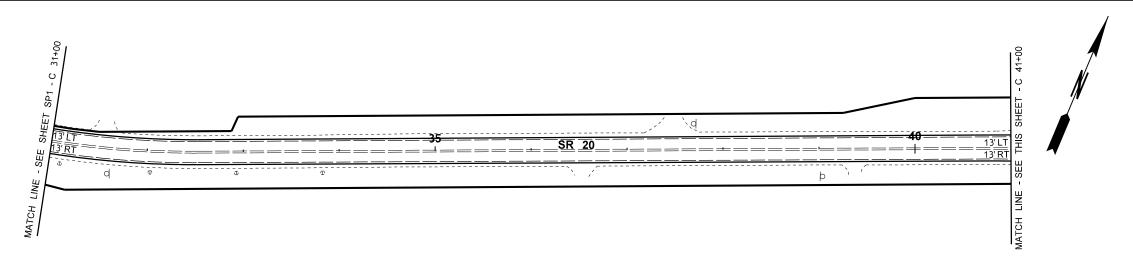
SR 20 BOON RD VIC TO AULT FIELD RD VIC PAVING & ADA COMPLIANCE

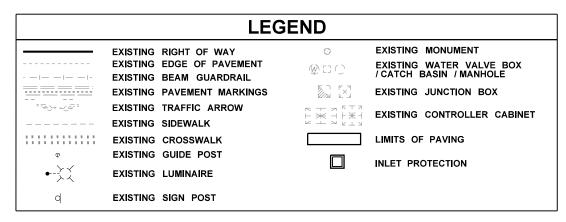
SITE PREPARATION, PLANING & PAVING

SHEET
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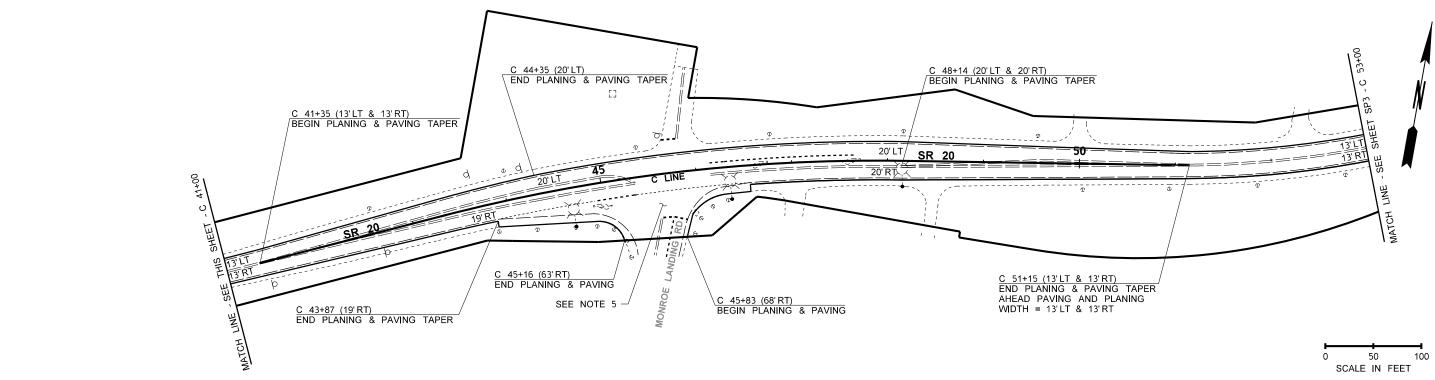
Plot 1

PLAN REF NO





- UNLESS OTHERWISE SHOWN IN THE PLANS, THE EXISTING PAVEMENT MARKINGS SHALL BE REFERENCED, DOCUMENTED, AND REPLACED IN ACCORDANCE WITH EXISTING CONDITIONS. SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
- 2. FOR PAVEMENT REPAIR AREAS AND DETAILS, SEE SHEET SPD2.
- FOR EXISTING MONUMENT, MANHOLE, AND WATER VALVE LOCATIONS AND PLANING DETAIL, SEE SHEET SPD3.
- 4. IN ACCORDANCE WITH RCW 58.09.130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY. SEE SHEET SPD3 FOR DETAILS.
- 5. SEE SHEET SPD3 FOR INTERSECTION PAVING AND PLANING DETAIL.



FILE NAME	T:\412334\XL5379 SR 20 Boo	on Rd to Ault Fleid Paving\CAE_XL5379\CAD\ContractPla	ns\XL5379_P	S_SP_	11.dgn			Т
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DATE	1/31/2023					WASH		
PLOTTED BY	konklet				10	WASH		Ι.
DESIGNED BY	J. RABENSTEIN					IUMBER		
ENTERED BY	R. ANTOS				22A	046		
CHECKED BY	E. WINTER				CONTR	RACT NO.	LOCATION NO.	1
PROJ. ENGR.	S. BEIER							1
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				



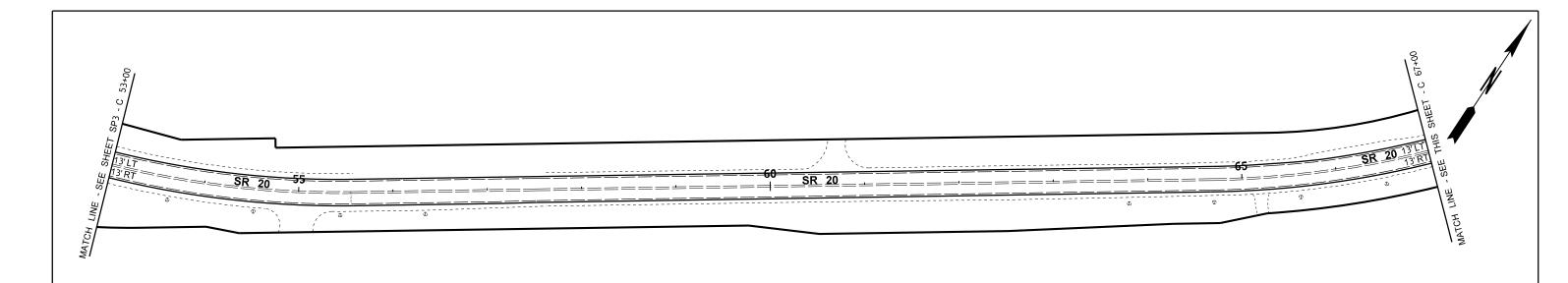
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Washington State Department of Transportation	
Department of Transportation	-

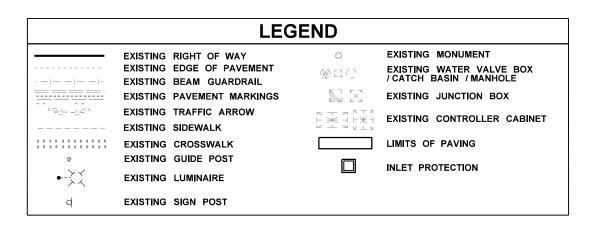
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			SF	R 20					
BOON	RD	VIC	то	AULT	FIELD	RD	VIC		
PAVING & ADA COMPLIANCE									

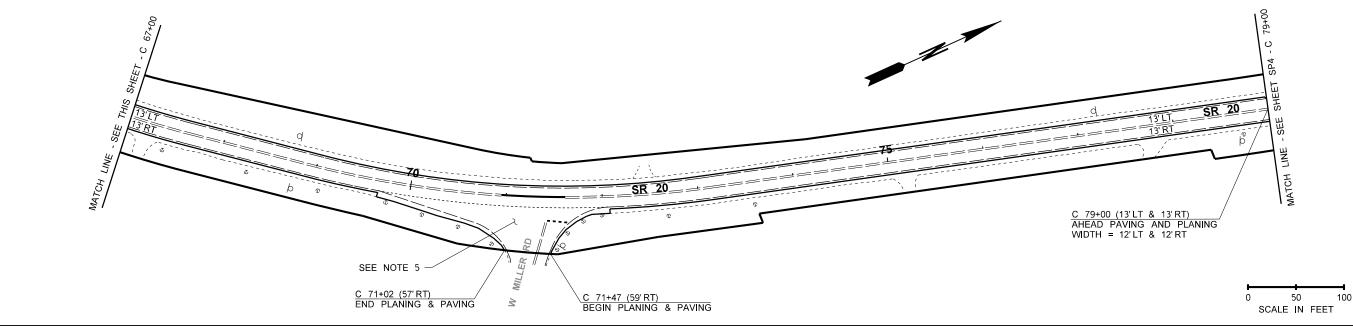
Plot 2 PLAN REF NO SP2

> 10 ∘₅ 91





- 1. UNLESS OTHERWISE SHOWN IN THE PLANS, THE EXISTING PAVEMENT MARKINGS SHALL BE REFERENCED, DOCUMENTED, AND REPLACED IN ACCORDANCE WITH EXISTING CONDITIONS. SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
- P. FOR PAVEMENT REPAIR AREAS AND DETAILS, SEE SHEET SPD2.
- 3. FOR EXISTING MONUMENT, MANHOLE, AND WATER VALVE LOCATIONS AND PLANING DETAIL SEE SHEET SPD3
- 4. IN ACCORDANCE WITH RCW 58.09.130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY. SEE SHEET SPD3 FOR DETAILS.
- 5. SEE SHEET SPD3 FOR INTERSECTION PAVING AND PLANING DETAIL.



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DATE	1/31/2023				10	WASH		П		
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DESIGNED BY	J. RABENSTEIN					UMBER				
ENTERED BY	R. ANTOS				22A	046				
CHECKED BY	E. WINTER				CONTR	ACT NO.	LOCATION NO.	1		
PROJ. ENGR.	S. BEIER									
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY						



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Washington State Department of Transportation	
Department of Transportation	

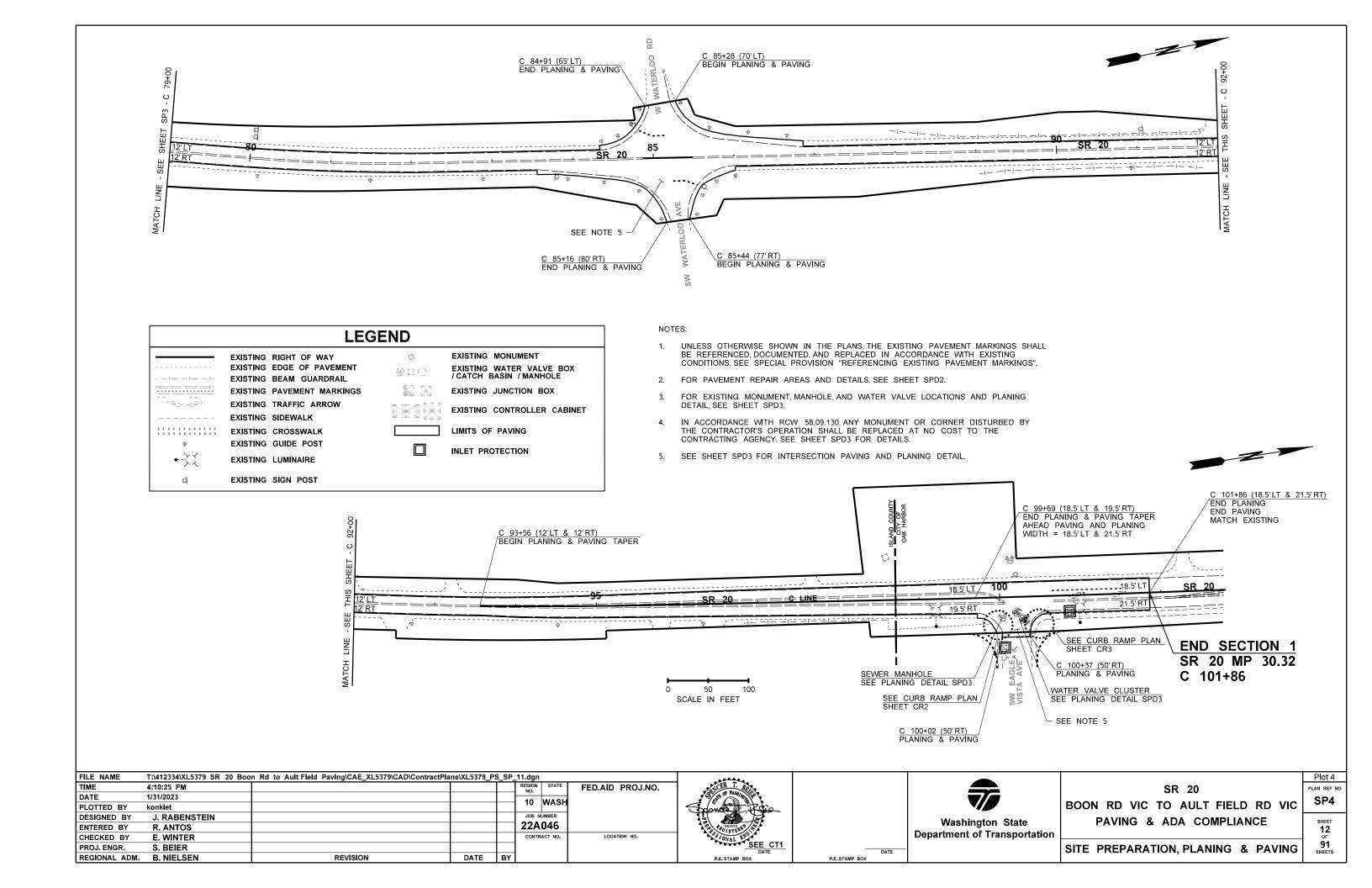
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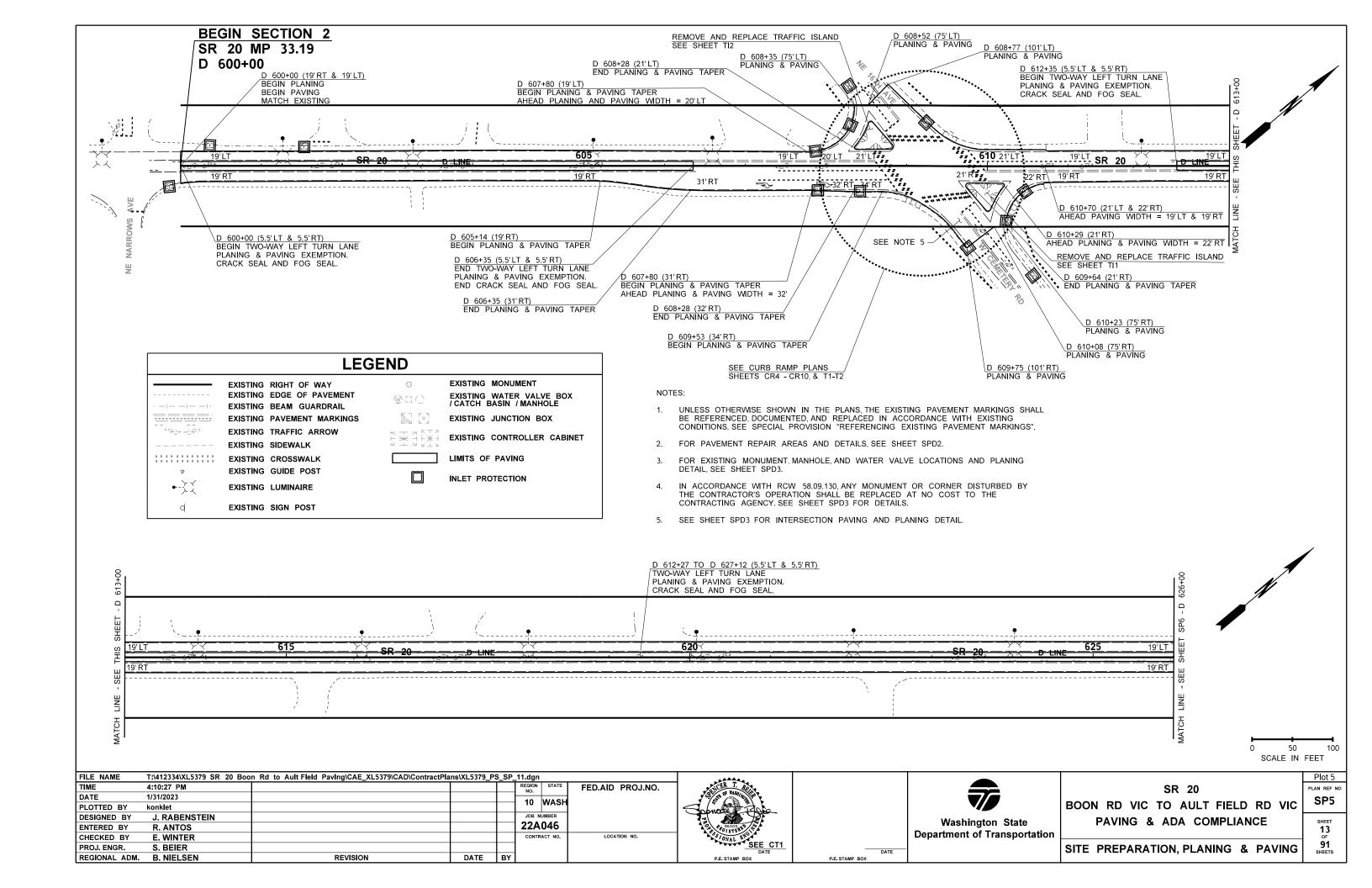
SR 20							
BOON	RD	VIC	то	AULT	FIELD	RD	VIC
Р	AVIN	IG &	AD	A CO	MPLIAN	CE	

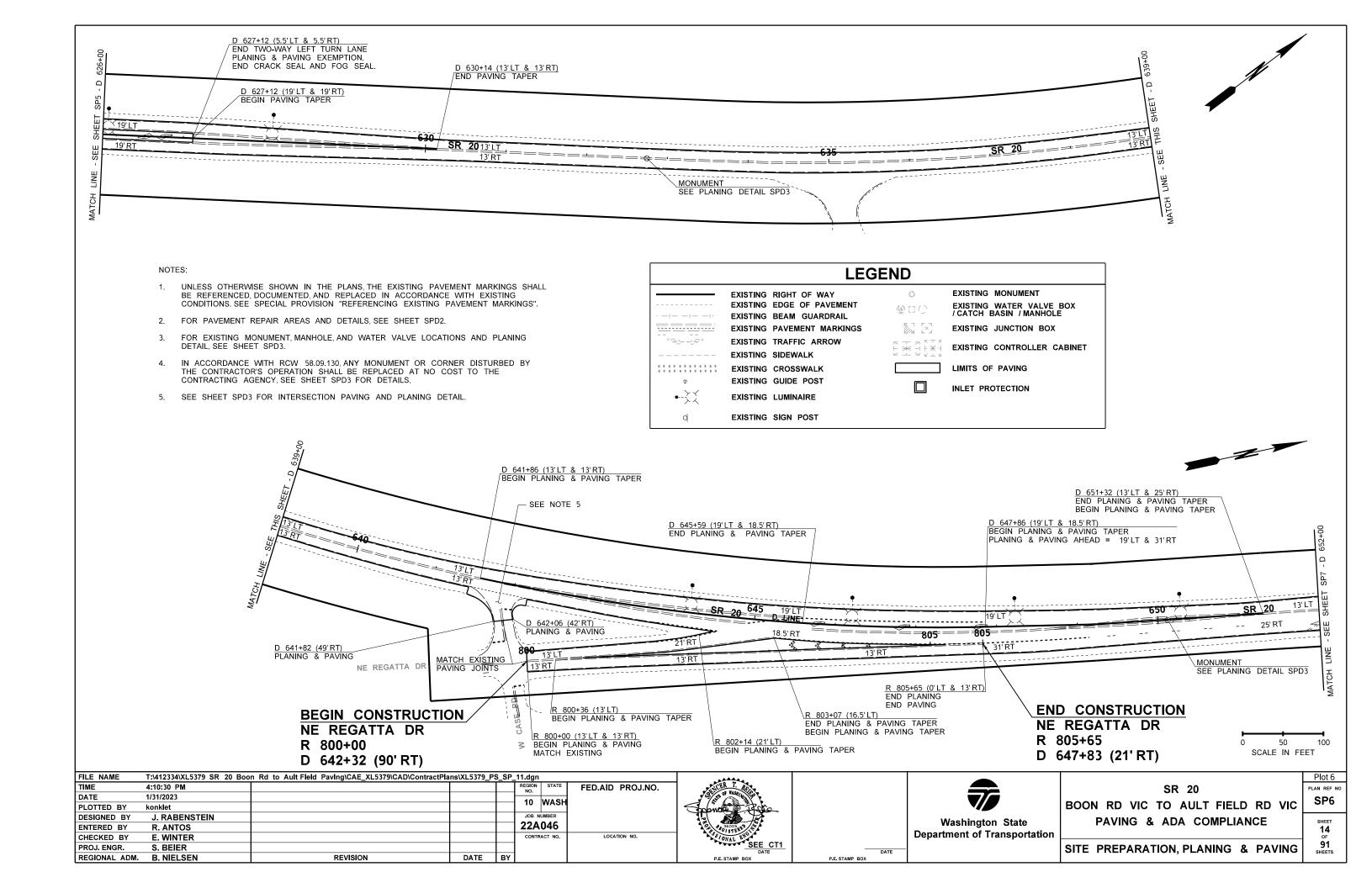
Plot 3
PLAN REF NO
SP3

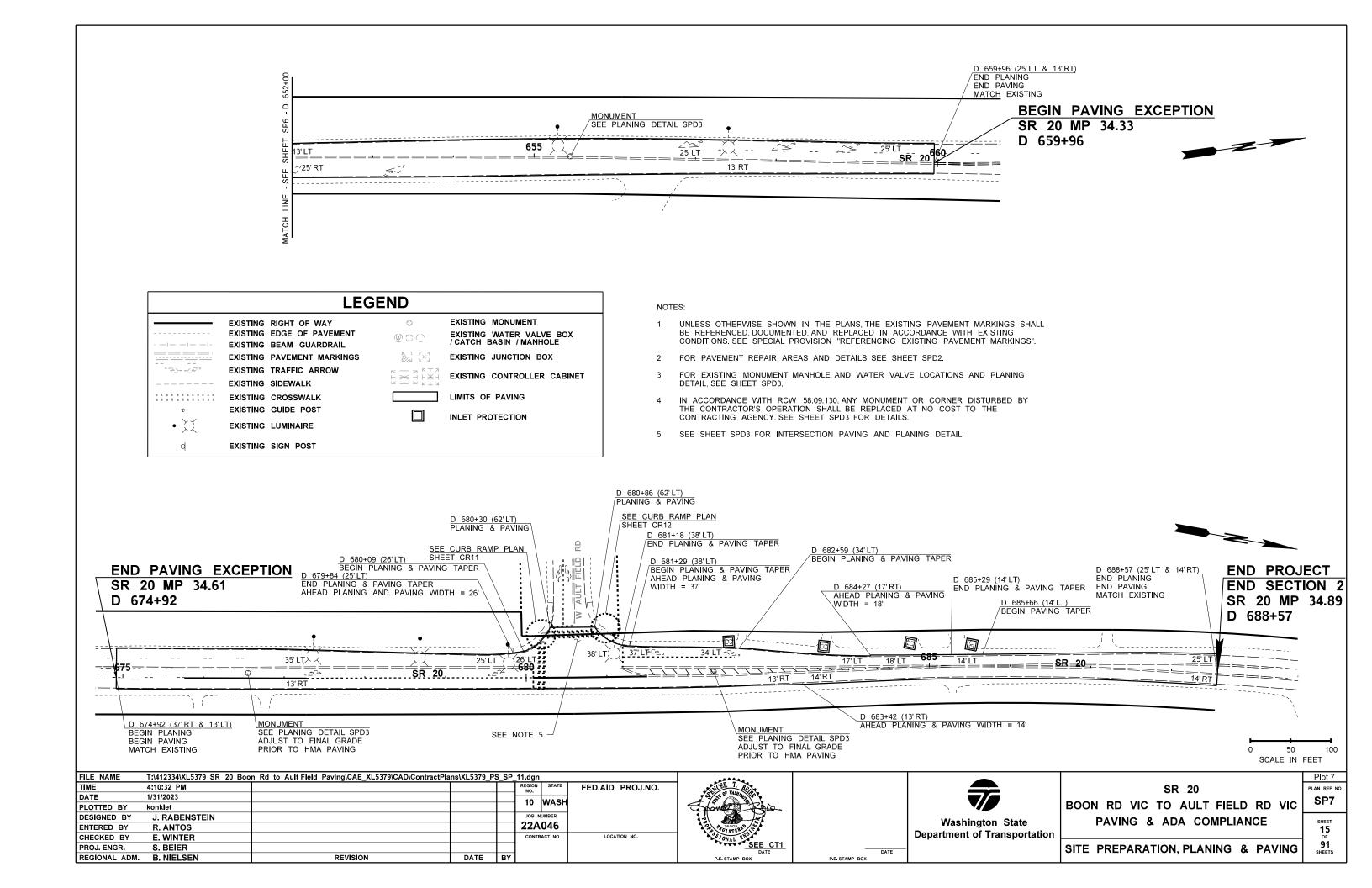
SHEET
11
OF
91
SHEETS

SITE PREPARATION, PLANING & PAVING	SITE	PREPARATION, PLANING	&	PAVING	
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REMOVING DETECTABLE WARNING		
SURFACE		
LOCATION	QTY. (EA)	
SR 20 & NE 16TH AVE, NW	1	
SHOULDER RAMP		
SR 20 & W CEMETERY RD, NE	1	
SHOULDER RAMP	'	
PROJECT TOTAL=	2	
SEE NOTE 2.	•	

REMOVING TRAFFIC ISLAND			
LOCATION	QTY. (SY)		
NE 16TH AVE, WEST ISLAND	96		
W CEMETERY RD, EAST ISLAND	97		
PROJECT TOTAL=	193		
SEE NOTES 1, 2, 3, & 6.			

REMOVING ASPHALT CONC. SIDEWALK		
LOCATION	QTY. (SY)	
EAGLE VISTA AVE, SE QUAD	3	
16TH AVE SHOULDER RAMP	3	
CEMETERY SHOULDER RAMP	5	
PROJECT TOTAL=	11	
SEE NOTES 1, 2, 3, & 6.		

INLET PROTECTION SCHEDULE				
LOCATION	OFFSET	QTY. (EACH)		
C 100+05	RT	1		
C 100+86	RT	1		
D 599+95	RT	1		
D 600+37	LT	1		
D 601+53	LT	1		
D 607+88	LT, RT	2		
D 608+40	LT, RT	3		
D 609+22	LT	1		
D 609+78	RT	1		
D 610+25	RT	1		
D 610+46	RT	2		
D 682+50	LT	1		
D 683+70	LT	1		
D 684+77	LT	1		
D 685+53	LT	1		
PROJEC	T TOTAL =	19		

SEE COMBINATION INLET PROTECTION DETAIL THIS SHEET

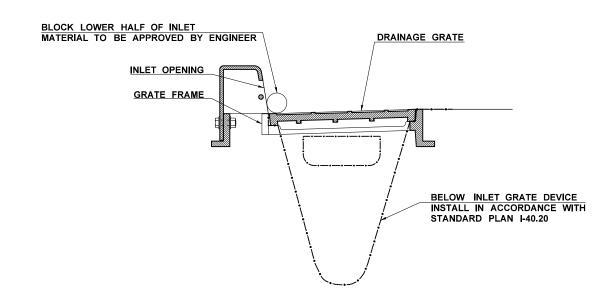
REMOVING PLASTIC TRAFFIC ARROW			
QTY. (EA)			
2			
2			
2			
2			
1			
1			
2			
2			
2			
2			
2			
20			
SEE NOTES 1, 4, 5, & 6.			

REMOVING PLASTIC CROSSHATCH MARKING			
LOCATION	QTY. (LF)		
D 645+45 TO D 646+45	50		
PROJECT TOTAL =	50		
SEE NOTES 1, 4, & 6.			

REMOVING RASIED PAVEMENT MARKER SCHEDULE		
LOCATION	QTY. (HUN)	
C 10+00 TO C 98+70	2.6	
C 98+70 TO C 101+86	0.4	
D 600+00 TO D 666+53	7.3	
D 666+53 TO D 688+57	4.8	
PROJECT TOTAL =	15.2	
SEE NOTES 1, & 6.		

REMOVING FLEXIBLE GUIDEPOST SCHEDULE			
LOCATION	QTY. (EACH)		
C 10+00 TO C 98+70	60		
C 98+70 TO C 101+86	0		
D 600+00 TO D 666+53	22		
D 666+53 TO D 688+57	5		
PROJECT TOTAL =	87		
SEE NOTES 2 & 6.			

REMOVING PLASTIC DRAINAGE MARKING SCHEDULE			
LOCATION	OFFSET	QTY. (EACH)	TYPE
C 18+85	LT/RT	2	00
C 20+50	LT/RT	2	00
C 45+10	RT	1	CC
C 45+75	LT/RT	3	CC
C 49+00	LT/RT	2	CC
C 64+70	LT/RT	2	CC
C 72+15	LT/RT	2	СС
C 98+45	LT/RT	4	CC
C 100+80	LT	1	CC
C 100+80	RT	1	DS
D 603+50	LT/RT	2	CC
D 633+75	LT/RT	2	CC
D 643+55	LT/RT	2	CC
D 682+50	LT	1	DS
D 683+70	LT	1	DS
D 684+75	LT	1	DS
D 685+50	LT/RT	2	DS/CC
PROJECT TOTAL = 31			
CC = CROSS CULVERT; DS = DRAINAGE STRUCTURE			
SEE NOTES 1, 4, & 6.			



COMBINATION INLET PROTECTION DETAIL

NOT TO SCALE

NOTES:

- UNLESS OTHERWISE SHOWN IN THE PLANS, THE EXISTING PAVEMENT MARKINGS SHALL BE REFERENCED, DOCUMENTED, AND REPLACED IN ACCORDANCE WITH EXISTING CONDITIONS. SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
- 2. INLET PROTECTION SHALL BE IN PLACE PRIOR TO COMMENCING SITE PREPARATION OPERATIONS. SEE STANDARD PLAN I-40.20 STORM DRAIN INLET PROTECTION.
- 3. MAINTAIN DRAINAGE SYSTEM OPERATION DURING PLANING ACTIVITIES. KEEP DRAINAGE SYSTEM FREE OF CONSTRUCTION MATERIAL.
- 4. PAVEMENT MARKINGS LOCATED WITHIN THE LIMITS OF PLANING WILL NOT BE MEASURED. ALL COSTS ASSOCIATED WITH REMOVING PAVEMENT MARKINGS WITHIN THE PLANING LIMITS SHALL BE INCLUDED IN THE UNIT COST FOR THE BID ITEM "PLANING BITUMINOUS PAVEMENT".
- 5. TRAFFIC ARROWS AND STOP BARS IMPACTED BY PLANING OR PAVING SHALL BE REPLACED WITH TEMPORARY PAVEMENT MARKING.
- 6. QUANTITIES ARE INFORMATION ONLY; CONTRACTOR TO FIELD VERIFY QUANTITIES. SEE SPECIAL PROVISIONS "REMOVAL OF STRUCTURES AND OBSTRUCTIONS" AND "REMOVING MISCELLANEOUS TRAFFIC ITEM".

FILE NAME	T:\412334\XL5379 SR 20 Boo	n Rd to Ault FleId PavIng\CAE_XL5379\CAD\ContractPla	ins\XL5379_P	S_SPE)_10a.d	gn	
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DATE	1/31/2023					WASH	
PLOTTED BY	konklet				10	WASH	
DESIGNED BY	J. RABENSTEIN					IUMBER	
ENTERED BY	R. ANTOS				22A	046	
CHECKED BY	E. WINTER				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	S. BEIER						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			



Washington State
Department of Transportation

DATE

SR 20 BOON RD VIC TO AULT FIELD RD VIC PAVING & ADA COMPLIANCE

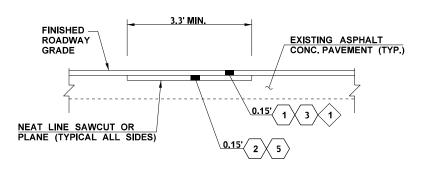
SITE PREPARATION DETAILS

Plot 1

SPD1

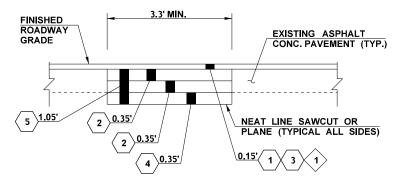
16

91 SHEETS



PAVEMENT REPAIR SECTION A

NOT TO SCALE



PAVEMENT REPAIR SECTION B

N	ОТ	то	SCALE

MP	STATION		L	w	AREA	REPAIR
START	START	LOCATION	(LF)	(LF)	(SY)	SECTION
28.58	10+00.00	8' LT	68	3.3	24.9	Α
28.58	10+00.00	2' RT	15	3.3	5.5	В
28.60	11+05.60	8' LT	38	3.3	13.9	Α
28.60	11+05.60	2' RT	38	3.3	13.9	Α
28.61	11+58.40	8' RT	65	3.3	23.8	Α
28.62	12+11.20	8' LT	278	3.3	101.9	Α
28.62	12+11.20	2' LT	375	3.3	137.5	Α
28.64	13+16.80	8' RT	126	3.3	46.2	Α
28.64	13+16.80	2' RT	122	3.3	44.7	Α
28.68	15+28.00	8' RT	43	3.3	15.8	Α
28.71	16+86.40	2' RT	40	3.3	14.7	Α
28.71	16+86.40	8' RT	40	3.3	14.7	Α
28.74	18+44.80	FW	40	26	115.6	Α
28.74	18+44.80	8' LT	165	3.3	60.5	Α
28.78	20+56.00	8' RT	129	3.3	47.3	Α
28.78	20+56.00	2' RT	485	3.3	177.8	Α
28.81	22+14.40	2' LT	84	3.3	30.8	Α
29.06	35+34.40	2' RT	296	3.3	108.5	Α
29.06	35+34.40	8' RT	203	3.3	74.4	Α
29.50	58+57.60	8' RT	72	3.3	26.4	Α
29.50	58+57.60	2' LT	118	3.3	43.3	Α
29.50	58+57.60	8' LT	118	3.3	43.3	Α
29.54	60+68.80	2' RT	55	3.3	20.2	В
29.54	60+68.80	8' RT	186	3.3	68.2	Α
29.57	62+27.20	2' LT	65	3.3	23.8	Α
29.59	63+32.80	2' RT	105	3.3	38.5	Α
29.60	63+85.60	2' LT	65	3.3	23.8	Α
29.60	63+85.60	8' RT	28	3.3	10.3	В
29.67	67+55.20	2' LT	168	3.3	61.6	Α
29.67	67+55.20	8' LT	168	3.3	61.6	Α
29.77	72+83.20	8' LT	57	3.3	20.9	Α
29.79	73+88.80	8' RT	54	3.3	19.8	Α
29.84	76+52.80	2' RT	62	3.3	22.7	Α

MP	STATION		L	w	AREA	REPAIR
START	START	LOCATION	(LF)	(LF)	(SY)	SECTION
29.88	78+64.00	2' LT	85	3.3	31.2	Α
29.88	78+64.00	8' RT	114	3.3	41.8	Α
29.91	80+22.40	8' LT	150	3.3	55.0	Α
30.01	85+50.40	8' LT	46	3.3	16.9	Α
30.05	87+61.60	8' LT	65	3.3	23.8	Α
30.06	88+14.40	8' RT	295	3.3	108.2	Α
30.09	89+72.80	2' LT	68	3.3	24.9	Α
30.15	92+89.60	8' RT	115	3.3	42.2	Α
30.19	95+00.80	2' RT	79	3.3	29.0	Α
30.19	95+00.80	8' RT	79	3.3	29.0	А
30.20	95+53.60	8' LT	55	3.3	20.2	Α
30.22	96+59.20	2' RT	174	3.3	63.8	Α
30.22	96+59.20	12' RT	174	3.3	63.8	Α
30.29	100+28.80	15' LT	24	3.3	8.8	Α
33.21	601+05.60	3' RT	100	3.3	36.7	Α
33.77	630+62.40	3' RT	320	3.3	117.3	Α
33.79	631+68.00	9' RT	232	3.3	85.1	Α
33.86	635+37.60	9' LT	70	3.3	25.7	Α
33.88	636+43.20	9' LT	60	3.3	22.0	Α
33.92	638+54.40	9' RT	40	3.3	14.7	Α
33.94	639+60.00	3' RT	40	3.3	14.7	Α
33.94	639+60.00	9' RT	40	3.3	14.7	Α
33.99	642+24.00	14' LT	62	3.3	22.7	Α
33.99	642+24.00	14' RT	78	3.3	28.6	Α
34.32	659+66.40	3' RT	75	3.3	27.5	Α
34.36	661+77.60	3' RT	76	3.3	27.9	Α
34.62	675+50.40	15' LT	288	3.3	105.6	Α
34.66	677+61.60	3' RT	312	3.3	114.4	В
34.70	679+72.80	3' LT	123	3.3	45.1	Α
34.73	681+31.20	3' RT	105	3.3	38.5	Α
34.73	681+31.20	9' RT	105	3.3	38.5	Α
34.78	683+95.20	9' RT	395	3.3	144.8	Α
34.81	685+53.60	11' LT	38	3.3	13.9	В
34.82	686+06.40	11' LT	84	3.3	30.8	В

PAVEMENT REPAIR AREAS

FILE NAME	T:\412334\XL5379 SR 20 Boo	n Rd to Ault FleId PavIng\CAE_XL5379\CAD\ContractPla	ins\XL5379_P	S_SPE)_10a.d	gn	
TIME	4:16:15 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	1/31/2023					WASH	
PLOTTED BY	konklet				10	WASH	
DESIGNED BY	J. RABENSTEIN					IUMBER	
ENTERED BY	R. ANTOS				22A	046	
CHECKED BY	E. WINTER				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	S. BEIER						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			





SR 20
BOON RD VIC TO AULT FIELD RD VIC
PAVING & ADA COMPLIANCE

LEGEND

HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22

1 HMA CL. 1/2 IN. PG 58H-22

3 PLANING BITUMINOUS PAVEMENT

4 CRUSHED SURFACING BASE COURSE

CONSTRUCTION NOTE LEGEND

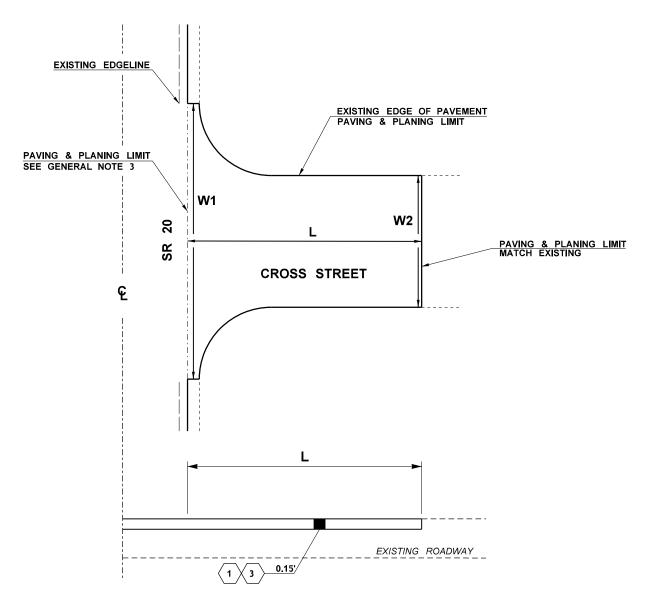
5 PAVEMENT REPAIR EXCAVATION INCL. HAUL

1 FINAL LIFT TO BE PLACED WITH WEARING COURSE

SITE PREPARATION DETAILS

SHEET 17 OF 91 SHEETS

Plot 2
PLAN REF NO
SPD2



CROSS STREET PAVING LIMITS DETAIL

GENERAL NOTES:

NOT TO SCALE.

FILE NAME

PLOTTED BY

ENTERED BY

CHECKED BY

PROJ. ENGR.

DESIGNED BY

4:16:17 PM

R. ANTOS

E. WINTER

S. BEIER

J. RABENSTEIN

1/31/2023

konklet

REGIONAL ADM. B. NIELSEN

TIME

DATE

- ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
- MAINLINE PLANING AND PAVING LIMITS TO MATCH PAVING PLANS (SP1-SP7) AND ROADWAY SECTIONS (RS1-RS4) EXCEPT WHERE SHOWN ON THIS SHEET.

T:\412334\XL5379 SR 20 Boon Rd to Ault Fleld Paving\CAE_XL5379\CAD\ContractPlans\XL5379_PS_SPD_10a.dgn

REVISION

LEGEND	
1 HMA CL. 1/2 IN. PG 58H-22	
3 PLANING BITUMINOUS PAVEMENT	

	SR 20		LEFT	'	RIGHT				
	3K 2U				(FT)				
STATION	CROSS STREET	٦	W1	W2	L	W1	W2		
C 45+42	MONROE LANDING RD	-	-	-	46	265	51		
C 71+25	MILLER RD	-	-	-	45	243	48		
C 85+20	WATERLOO RD	56	252	38	66	246	29		
C 100+20	EAGLE VISTA AVE	-	-	-	29	90	35		
D 609+90	CEMETERY RD	-	-	-	90	100	43		
D 608+65	16TH AVE	97	109	36	-	-	-		
D 641+95	CASE RD	-	-	-	34	74	25		
D 680+55	AULT FIELD RD	27	147	55	-	-	-		

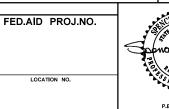
10 WASH

JOB NUMBER

22A046

DATE

BY







Plot 3 SR 20 PLAN REF NO SPD3 BOON RD VIC TO AULT FIELD RD VIC **PAVING & ADA COMPLIANCE** 18 91 SITE PREPARATION DETAILS

7.5' 1.0' | VARIES | 1.0' 7.5' HEAVY WRAPPING **HEAVY WRAPPING** EXISTING SURFACING EXISTING SURFACING TEMPORARY **TEMPORARY** ASPHALT WEDGE ASPHALT WEDGE EXISTING DRAINAGE, UTILITY FEATURE
OR MONUMENT NOT TO BE ADJUSTED NEW HMA CL. 1/2 IN. PG 58H-22

PLANING DETAIL

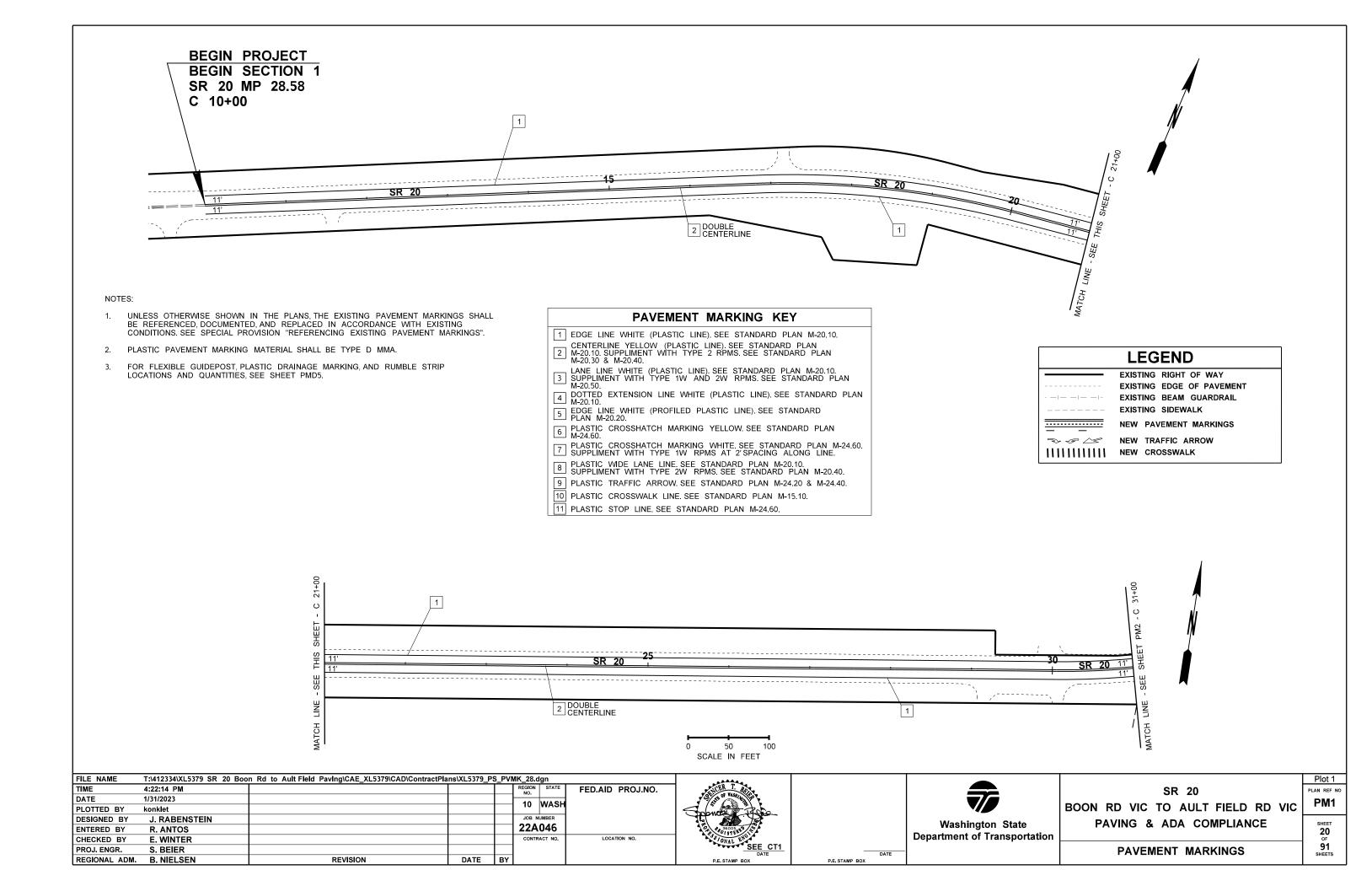
FOR EXISTING DRAINAGE, UTILITY FEATURE, OR MONUMENT NOT TO BE ADJUSTED.

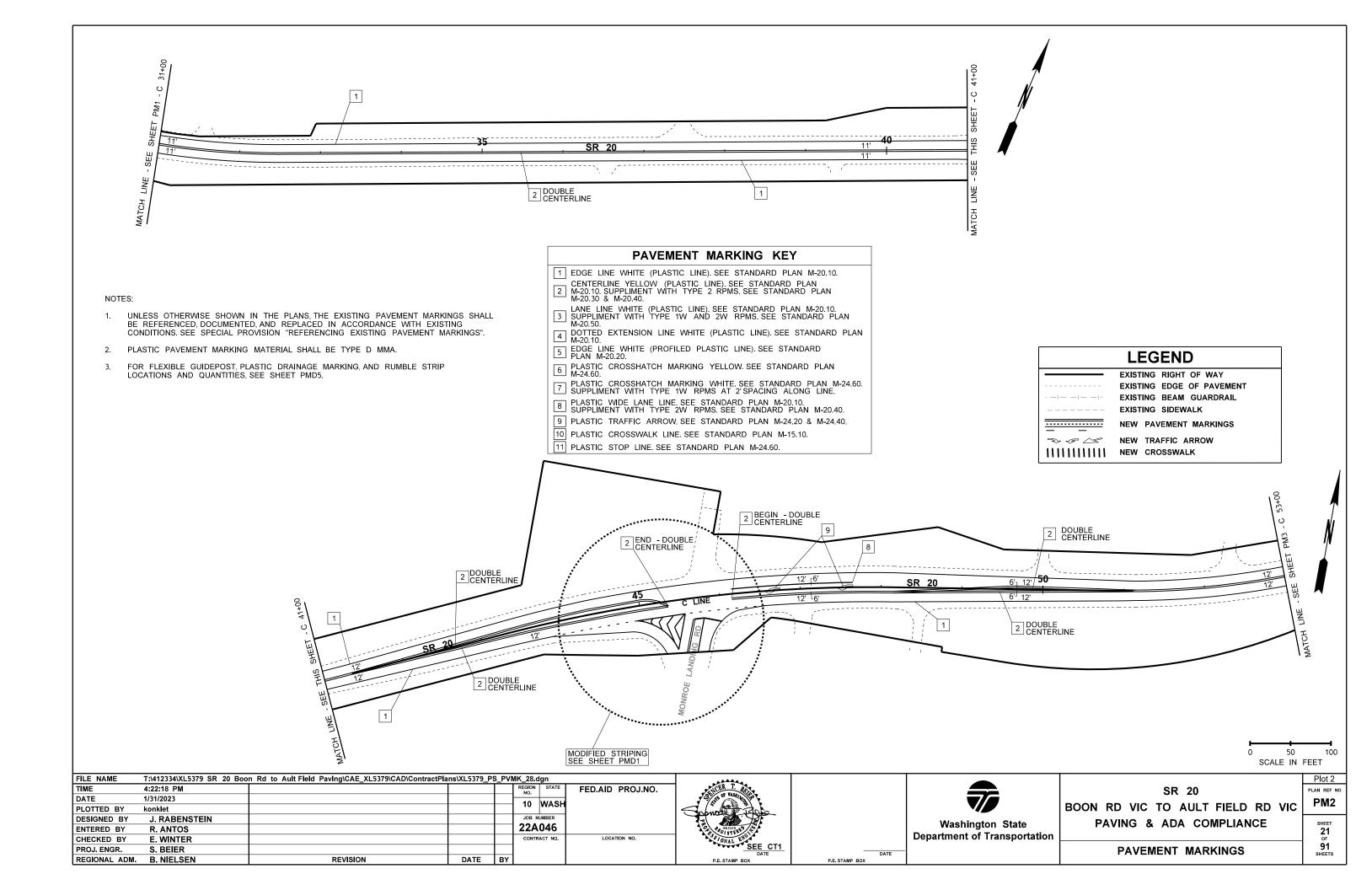
PLANING DETAIL CONSTRUCTION NOTES:

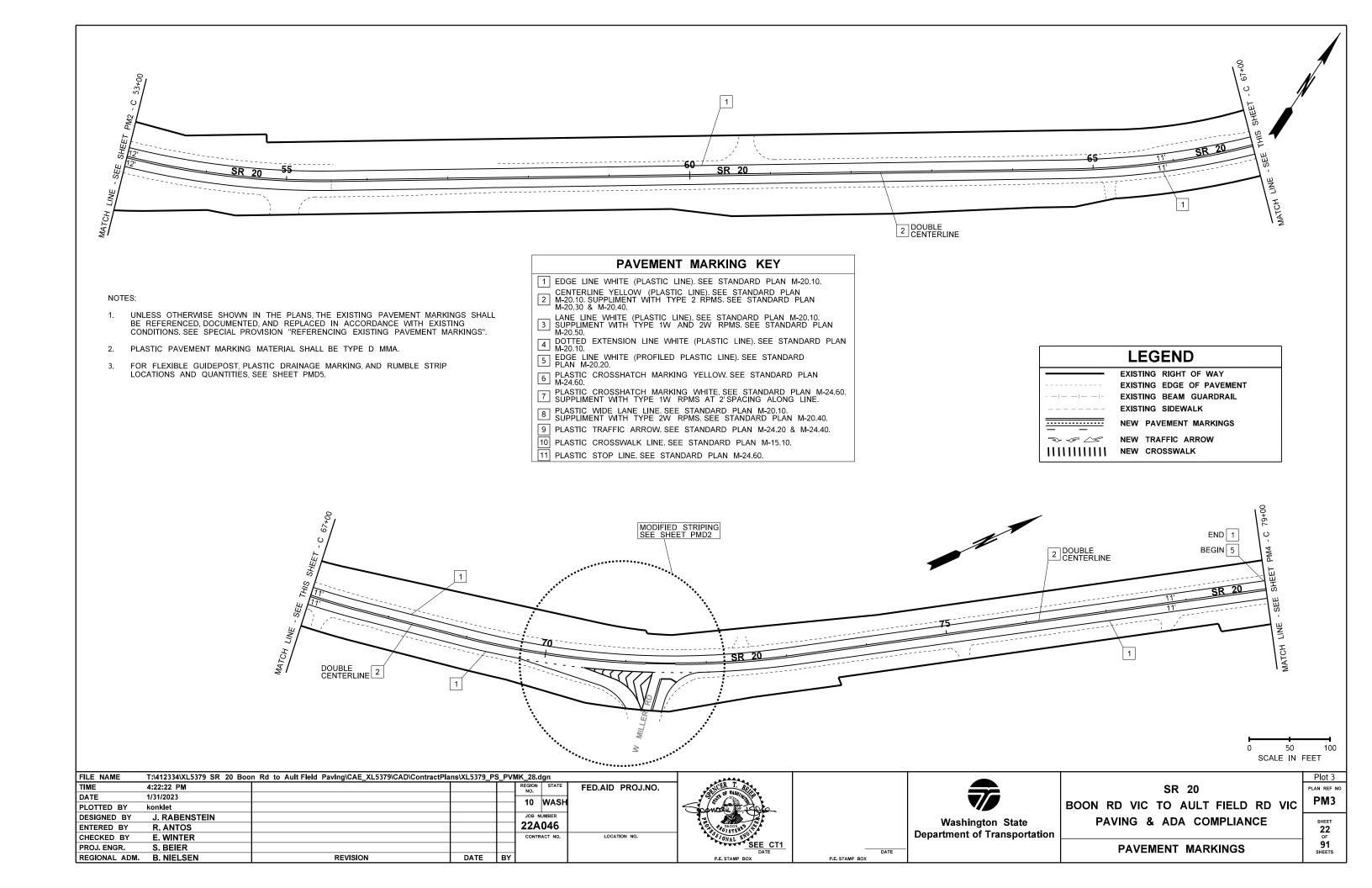
- AFTER PLANING UP TO THE FEATURE, CONSTRUCT A TEMPORARY HMA WEDGE USING HEAVY WRAPPING PAPER.
- THE TEMPORARY ASPHALT WEDGE SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR.
- THE TEMPORARY ASPHALT WEDGE SHALL BE REMOVED DURING THE SAME SHIFT PAVING OCCURS AROUND THE UTILITY.
- ALL COSTS IN CONNECTION WITH FURNISHING, PLACING, MAINTAINING, REMOVING, AND DISPOSING OF THE TEMPORARY HMA WEDGE SHALL BE INCLUDED IN THE COST OF OTHER ITEMS OF WORK.

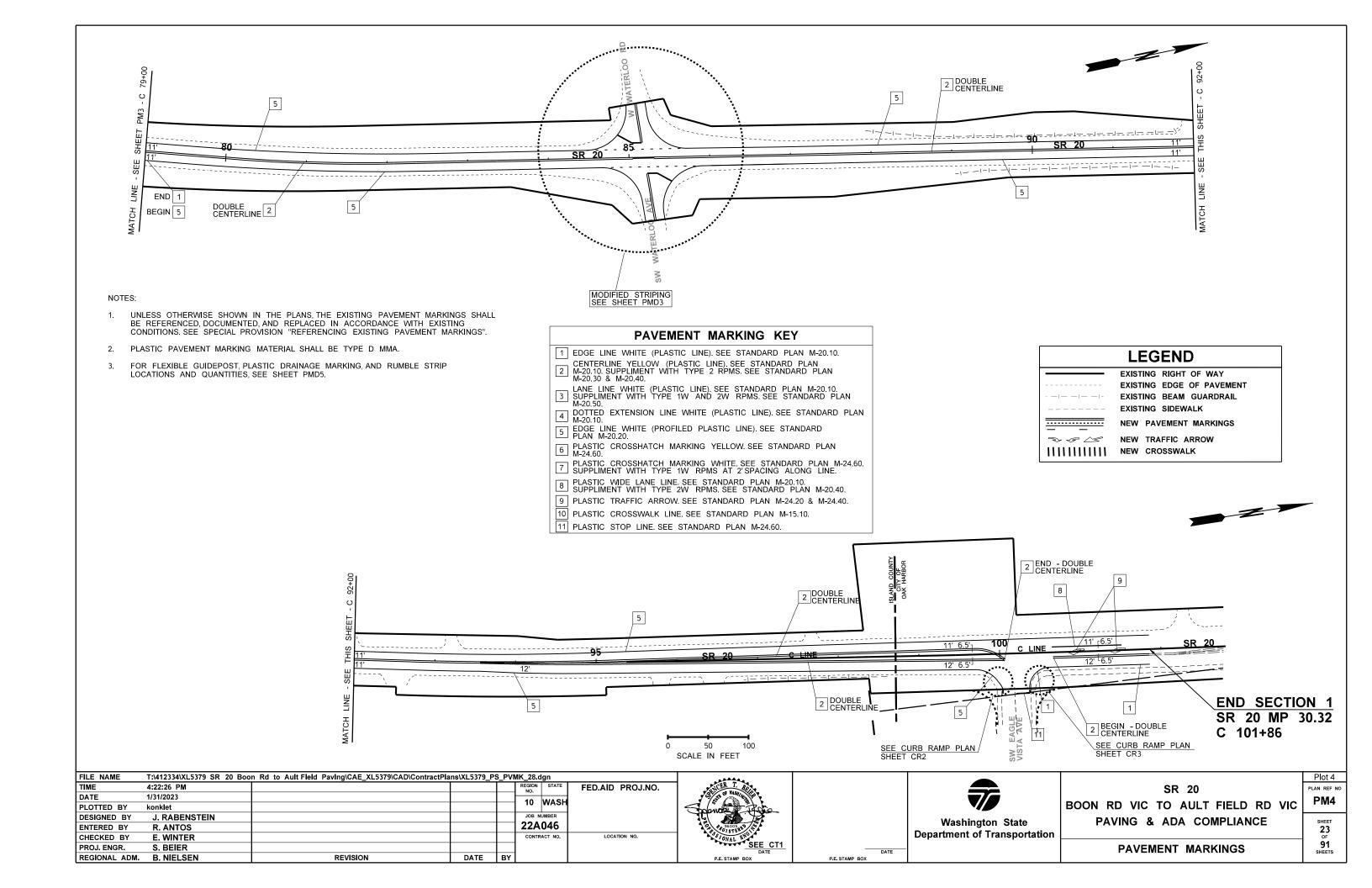
EXISTING DRAINAG	EXISTING DRAINAGE AND UTILITY FEATURE SCHEDULE									
APPROX. LOCATION	OFFSET (FT)	TYPE	ADJUSTS							
C 13+05	0	MON	1							
C 16+77	0	MON	1							
C 100+03	25' RT	МН	0							
C 100+20	19' RT	W	0							
C 100+22	20' RT	W	0							
C 100+29	28' RT	W	0							
C 100+30	30' RT	WV	0							
C 100+32	28' RT	WV	0							
C 100+86	22' RT	СВ	0							
D 607+88	18' LT	СВ	0							
D 607+88	30' RT	СВ	0							
D 608+31	50' LT	СВ	0							
D 608+42	31' RT	СВ	0							
D 609+24	54' LT	СВ	0							
D 609+76	101' LT	СВ	0							
D 610+23	68' RT	СВ	0							
D 610+46	31' RT	СВ	0							
D 632+75	0'	MON	0							
D 650+12	0'	MON	0							
D 655+45	1' LT	MON	0							
D 676+55	7' LT	MON	1							
D 682+33	5' LT	MON	1							
	MH = MANHOLE; WV = WATER VALVE;									
CB = CATCI	H BASIN; MON	= MONUMEN	IT.							
SEE PLA	NING DETAIL T	HIS SHEET.								

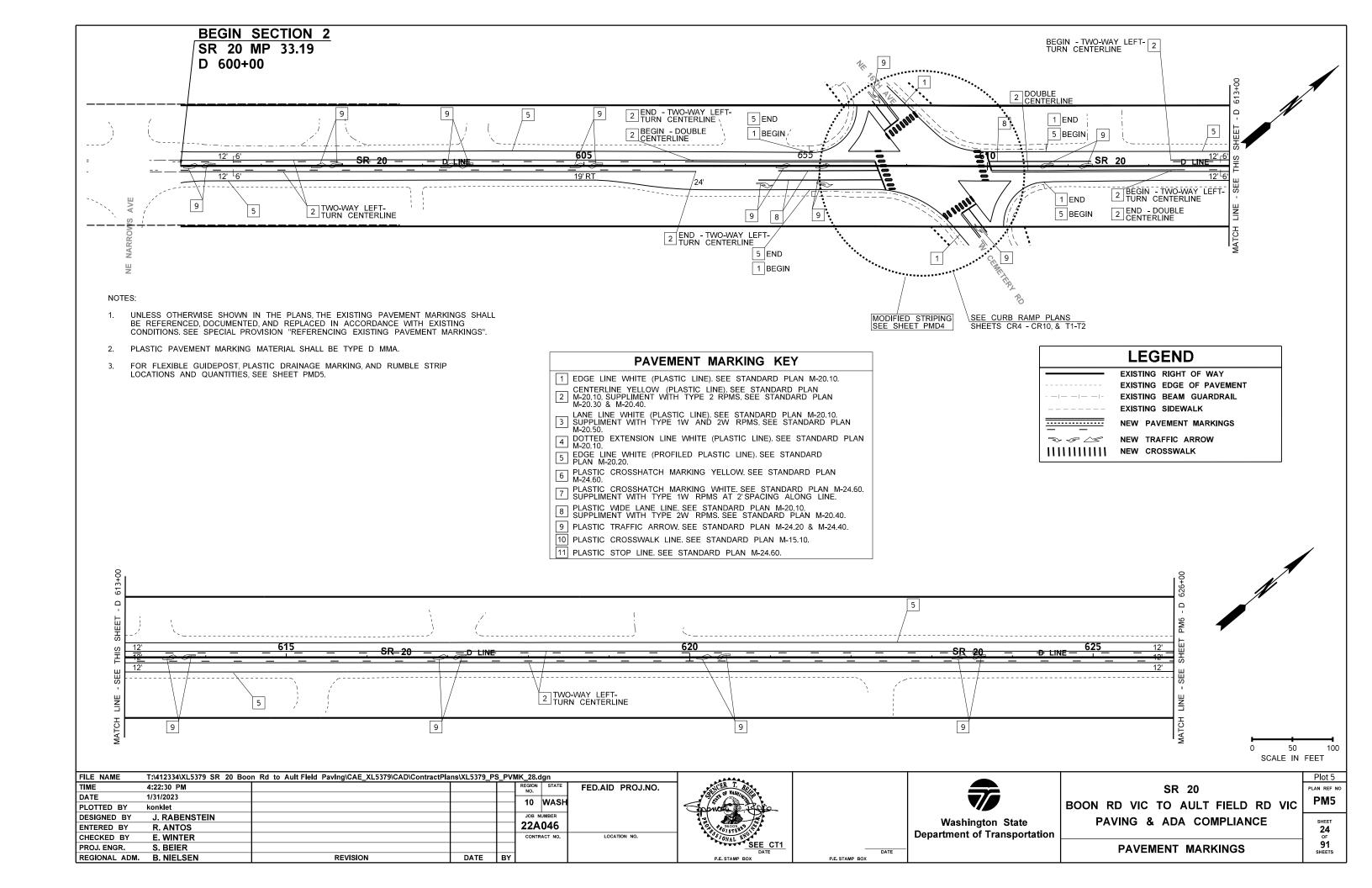
						NAUÇ	\TIT\	/ TAE	BULA	TION	1 - P/	AVEN	1ENT	MAF	RKIN	GS				
REFEI REFEI CONS	IRST NUMBER OF THE "CORS TO THE SHEET NO. OR RENCE NO. SHOWING THE TRUCTION FEATURE. ECOND NUMBER REFERS TRUCTION FEATURE FOUI	THE SHEET TO THE	ASTIC LINE	ROFILED PLASTIC LINE	ASTIC CROSSWALK LINE	ASTIC STOP LINE	ASTIC TRAFFIC ARROW	RAISED PAVEMENT MARKER TYPE 1	RAISED PAVEMENT MARKER TYPE 2	PLASTIC CROSSHATCH MARKING	ASTIC WIDE LINE							EE GENERAL NOTES	GENERAL NOTES:	
CODE	LOCATION Y \ UNIT O	F MFASIIRE >	 L.F.	L.F.	로 S.F.	L.F.	L.F.	<u>≵</u> E HUND	<u>≵</u> E HUND	<u>Z ≥</u>	료 L.F.						<u> </u>	SE		
	C 10+00 to C C 31+00	I WILAGUIL >	8400	-	-	-	-	-	0.4	-	-							1,3,4,7,8,9	1. ALL PLASTIC STRIPING MATERIAL SHAL	LL BE
PM2	C 31+00 to C 53+00		10320	-	-	35	3	-	0.3	110	370							1,3,4,7,8,9	MMA TYPE D. 2. SEE STD. PLAN M-15.10, CROSSWALK L	
PM3	C 53+00 to C 79+00		10570	_	_	21	-	-	0.5	145	230							1,3,4,6,7,8,9	3. SEE STD. PLAN M-20.10, LONGTUDINAL MARKING PATTERNS.	-
PM4	C 79+00 to C 91+00 C 91+00 to C 101+86		3220 3160	2910 1980	-	66	-	-	0.2 0.3	-	- 90							1,3,4,7,8,9 1,3,4,5,6,9	4. SEE STD. PLAN M-20.30, LONGITUDINAL MARKING SUPPLEMENT WITH RAISED PAVEMENT MARKERS. 5. SEE STD. PLAN M-24.40, SYMBOL MARK	
PM5	D 600+00 to D 607+80		2840	1570	_	_	10	_	0.3	_	110						1	1,3,4,5,9	TRAFFIC ARROWS FOR LOW-SPEED ROAI	DWAYS.
PM5	16TH AVE & CEMETERY RD D 610+70 to D 626+00	INTERSECTION	1460 5800	3060	490	107	5 9	-	0.1 0.5	-	330							1,2,3,4,5,6,9	6. SEE STD. PLAN M-24.60, SYMBOL MARK MISCELLANEOUS. 7. SEE STD. PLAN M-40.10 GUIDE POSTS A	
PM6	D 626+00 to D 652+00		9050	5550	-	13	6	0.4	1.5	50	840							1,3,4,5,6,7,8,9	0. 3LL 31D. 1 LAN W-40.40, GOIDL 1 031	
	D 652+00 to D 659+96 D 674+92 to D 688+57		1860 5190	1590 1760	- 260	- 50	4 4	0.2 0.1	0.4 1.5	- 160	- 420							1,3,4,5,9	PLACEMENT HORIZONTAL CURVES. 9. SEE SPECIAL PROVISION "REFERENCIN EXISTING PAVEMENT MARKINGS".	NG
		SHEET TOTAL	61870	18420	750	292	41	0.7	6	465	2390									
		PROJECT TOTAL	61870	18420	750	292	41 REGION NO.	0.7 STATE	6 FED. AID	465 PROJ. NO .	2390									
DESIGN							10	WASH	i LD. AID	. 1.00. NO.									SR 20 ON RD VIC TO AULT FIELD RD VIC	QTP 1
ENTERE CHECKI PROJ. E	ED BY E. WINTER							UMBER \046	}						Vashington S Department	State of Transp	ortation		PAVING & ADA COMPLIANCE	19 OF
REGION	ADM. B. NIELSEN	DATE DATE		REVISION		BY		ACT NO.	1									QUANTI	TY TABULATION - PAVEMENT MARKINGS	91 SHEETS

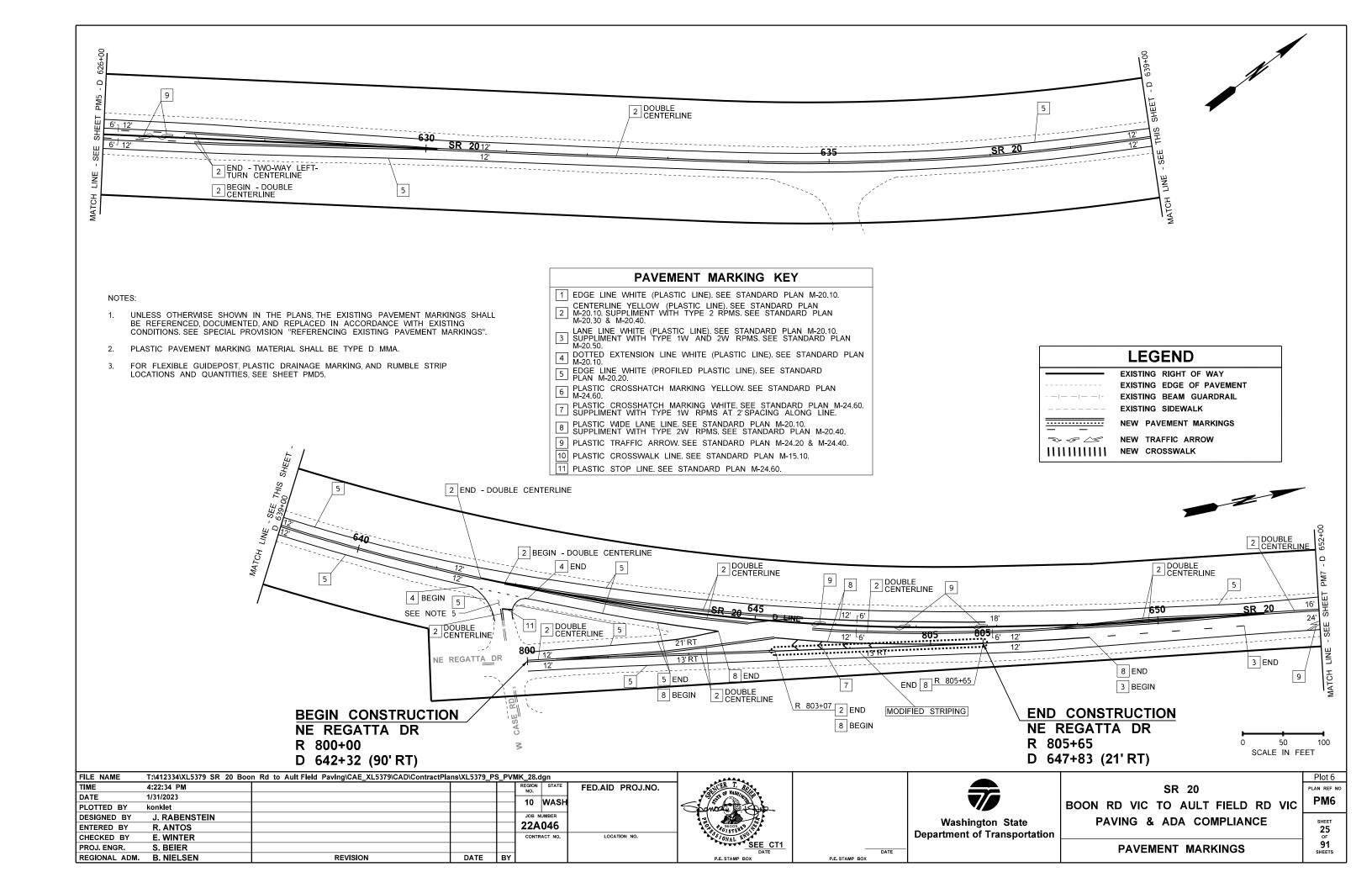


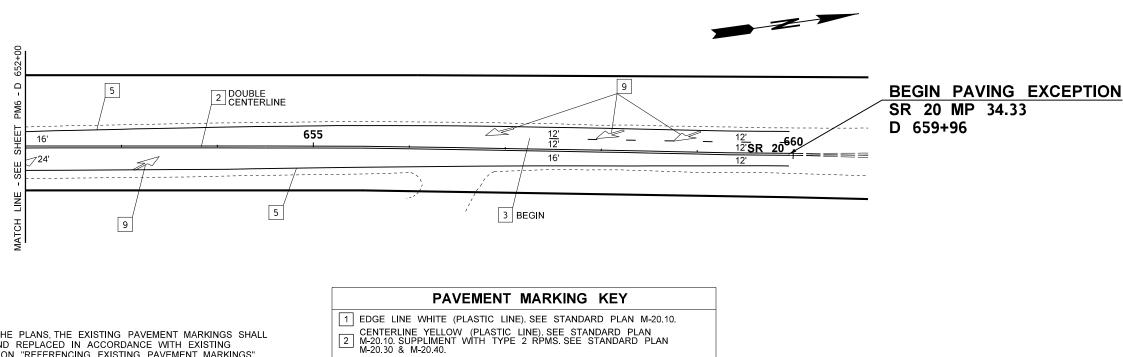












LEGEND

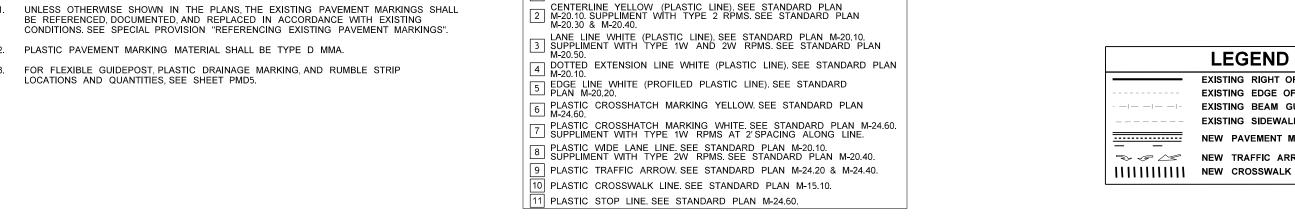
EXISTING RIGHT OF WAY

EXISTING EDGE OF PAVEMENT

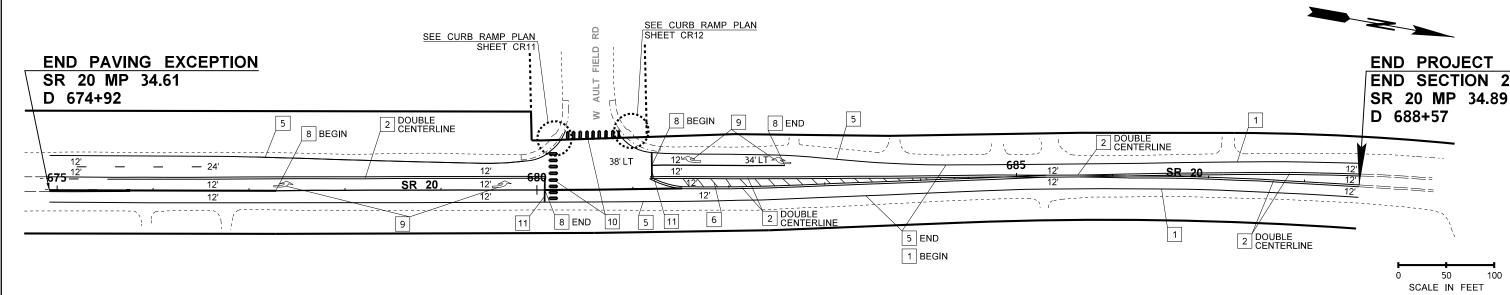
EXISTING BEAM GUARDRAIL EXISTING SIDEWALK

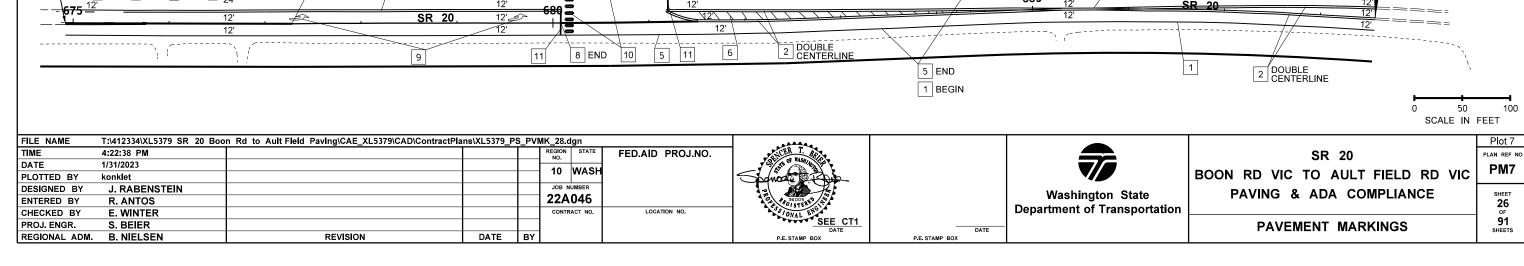
NEW PAVEMENT MARKINGS

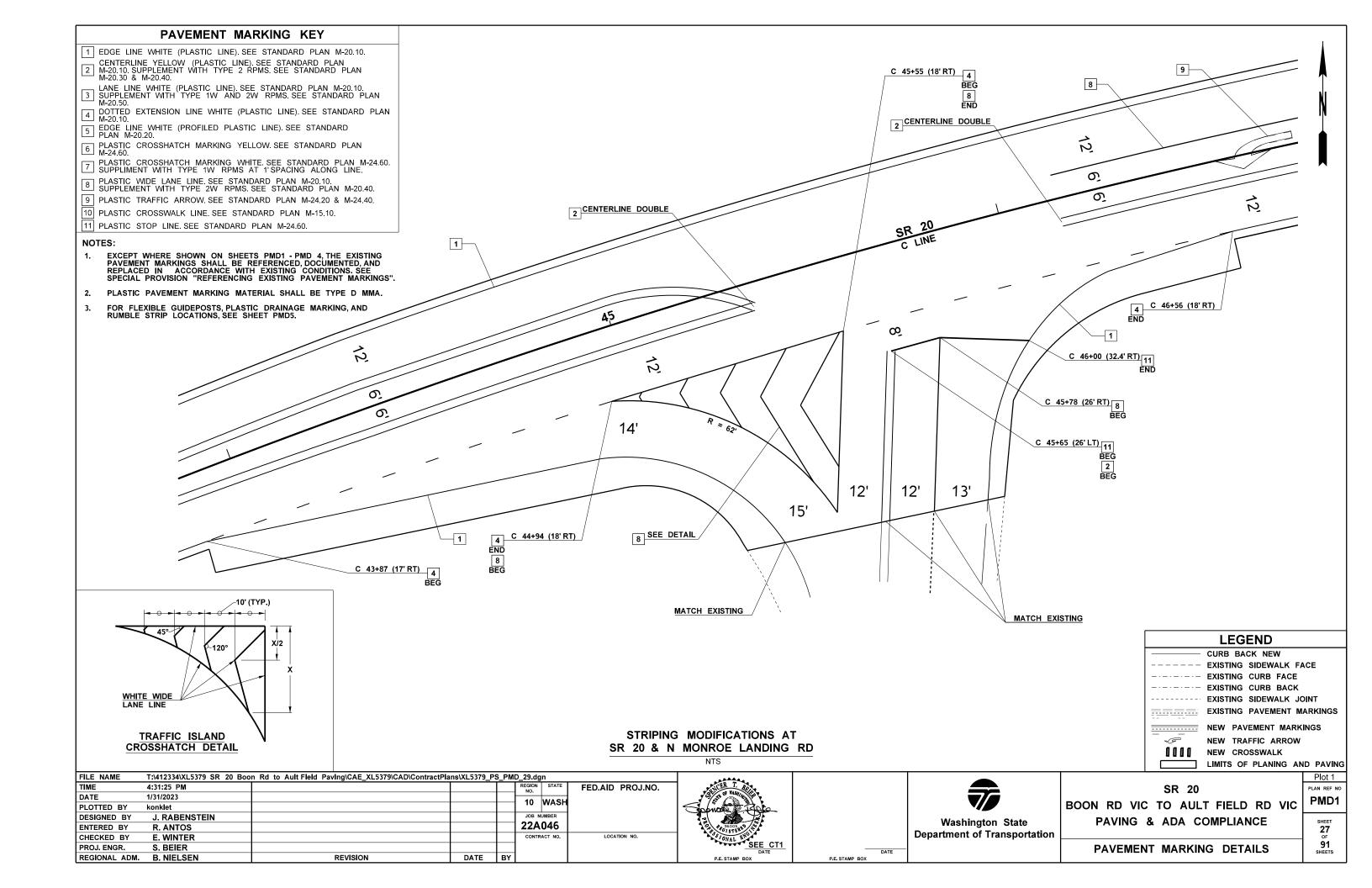
NEW TRAFFIC ARROW

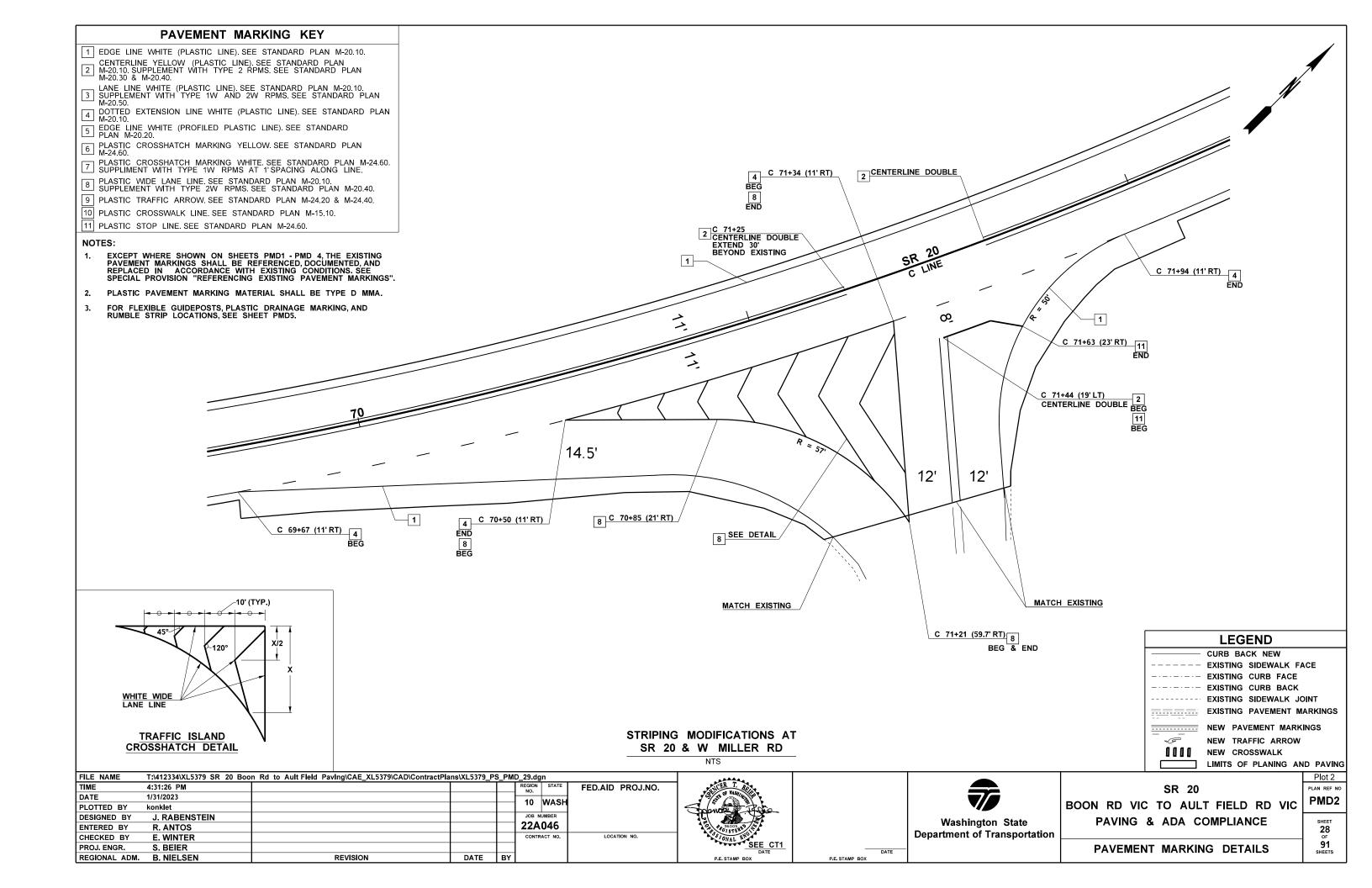


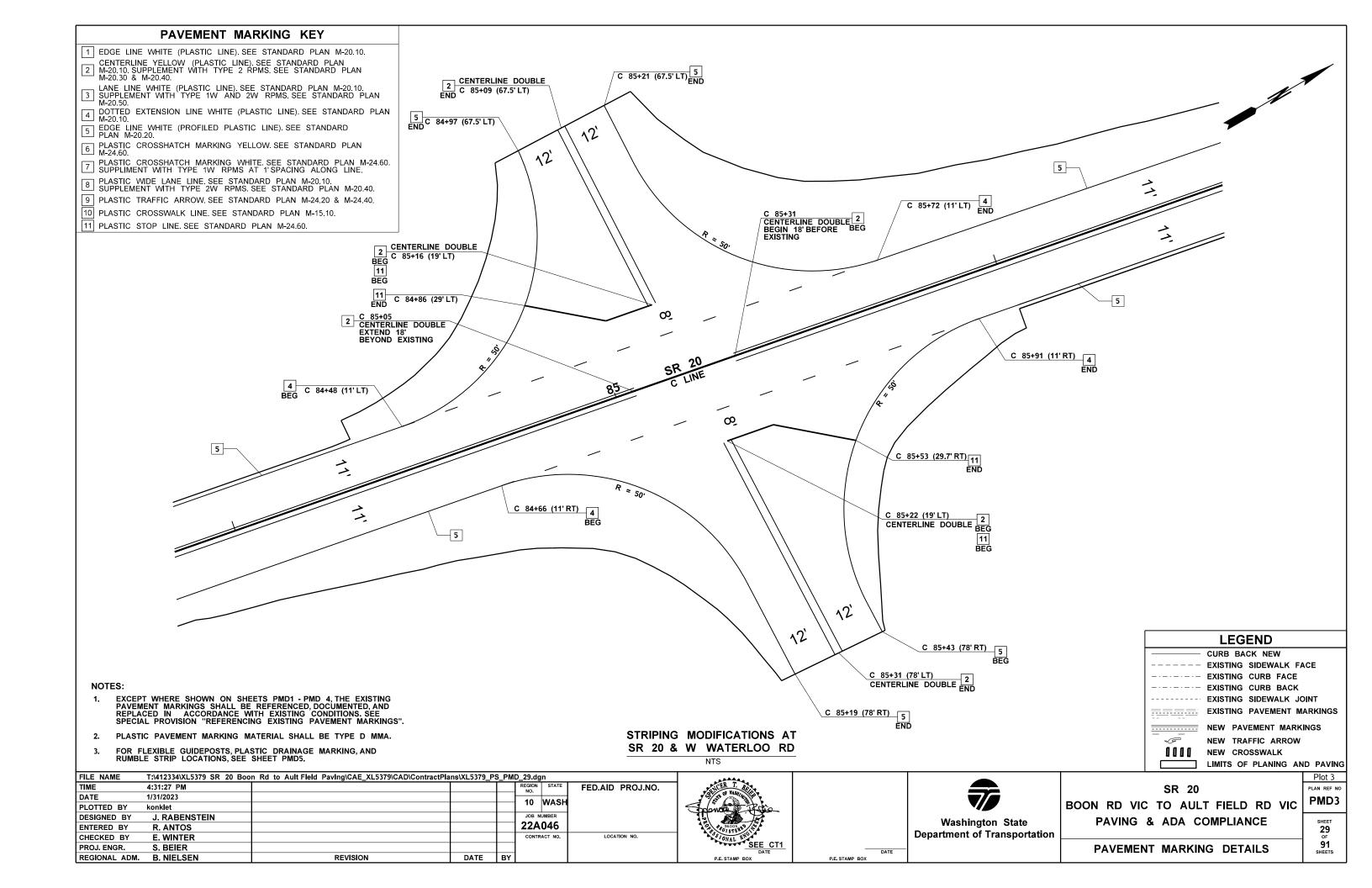
NOTES:

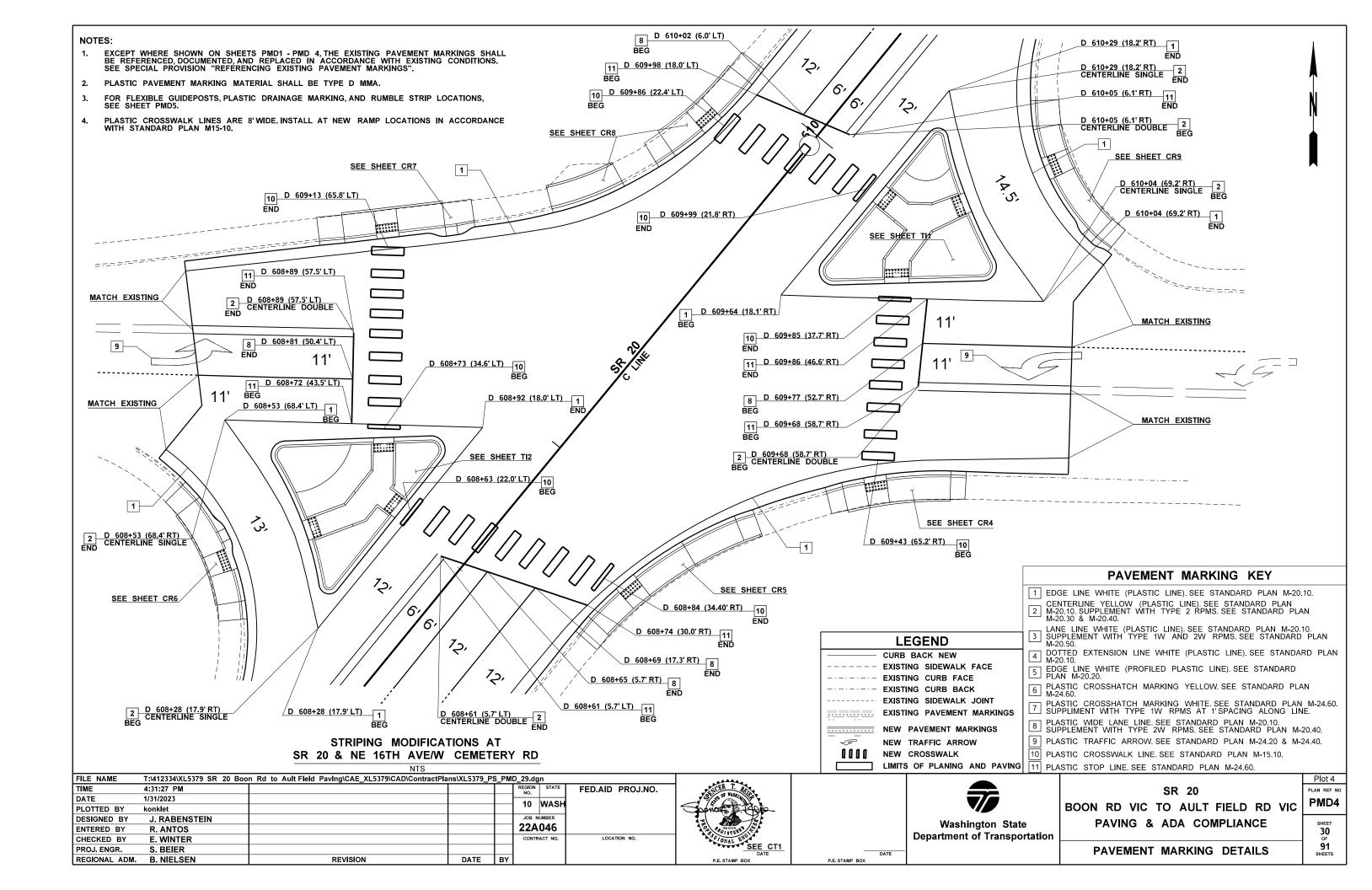












LOCATION		SPACING	QTY.	REFLECTIVE SHEETING		
			(EACH)	TYPE		
C 10+00 TO C 16+81	LT	300	3	WW		
C 10+00 TO C 16+81	RT	300	3	ww		
C 16+81 TO C 20+07	LT	100	5	ww		
C 16+81 TO C 20+08	RT	100	5	ww		
C 20+07 TO C 30+05	LT	300	4	ww		
C 20+08 TO C 30+05	RT	300	4	ww		
C 30+05 TO C 32+53	LT	90	5	ww		
C 30+05 TO C 32+53	RT	90	5	WW		
C 32+53 TO C 43+30	LT	300	5	WW		
C 32+53 TO C 43+30	RT	300	5	WW		
C 43+30 TO C 48+13	LT	140	5	ww		
C 48+13 TO C 50+96	LT	300	0	ww		
C 48+13 TO C 50+96	RT	300	0	WW		
C 50+96 TO C 55+55	LT	90	7	WW		
C 50+96 TO C 55+55	RT	90	7	ww		
C 55+55 TO C 64+69	LT	300	4	ww		
C 55+55 TO C 64+69	RT	300	4	ww		
C 64+69 TO C 67+63	LT	90	5	ww		
C 64+69 TO C 67+63	RT	100	5	WW		
C 67+63 TO C 68+90	LT	300	0	ww		
C 67+63 TO C 69+68	RT	300	0	ww		
C 68+90 TO C 73+00	LT	90	7	ww		
C 69+68 TO C 71+00	RT	25	4	G1 / WW		
C 71+57 TO C 72+05	RT	25	4	WW / G2		
C 72+05 TO C 73+12	RT	100	3	ww		
C 73+00 TO C 79+59	LT	300	3	WW		
C 73+12 TO C 79+59	RT	300	3	ww		
C 79+59 TO C 82+09	LT	180	3	ww		
C 79+59 TO C 82+09	RT	180	3	ww		
C 82+09 TO C 84+28	LT	300	0	ww		
C 82+09 TO C 83+56	RT	300	0	WW		
			5	G1 / WW		
C 83+56 TO C 85+15	RT	25	_			
C 84+28 TO C 85+00	LT	25	5	WW / G2 G1 / WW		
C 85+26 TO C 86+86	LT	25 25	4			
C 85+41 TO C 86+02	RT		<u> </u>	WW / G2		
C 86+02 TO C 92+71	RT	300	3	WW		
C 86+86 TO C 92+71	LT	300	3	WW		
C 92+71 TO C 95+36	LT	200	3	WW		
C 92+71 TO C 93+56	RT	200	0	WW		
C 93+56 TO C 98+70	RT	300	3	WW		
C 95+36 TO C 98+70	LT	300	2	WW		
D 630+14 TO D 633+49	RT	300	2	WW		
D 630+14 TO D 633+49	LT	300	2	WW		
D 633+49 TO D 641+45	RT	160	7	WW		
D 633+49 TO D 643+90	LT	160	9	WW		
D 641+45 TO D 641+81	RT	20	4	G1 / WW		
D 642+04 TO D 642+18	RT	10	4	WW / G2		
D 642+18 TO D 643+90	RT	300	0	WW		
D 651+06 TO D 657+25	RT	100	8	W		
D 651+32 TO D 657+25	LT	100	8	W		
		TOTAL = 18				
SEE Q	UANTITY	NOTES 1,	2, & 7.			

FLEXIBLE GUIDE POST SCHEDULE

CENTERLINE RUMBLE STRIP SCHEDULE							
APPROX. LOCATION	LENGTH (MILE)						
C 10+00 TO C 70+67	1.1						
C 72+08 TO C 84+28	0.2						
C 86+02 TO C 93+95	0.2						
PROJECT TOTAL = 1.5							
SEE QUANTITY NOTES	5, 6, 7, & 8.						

SHOULDER RUMBLE S	STRIP TY	PE 4 SCHEDULE				
APPROX. LOCATION	OFFSET	LENGTH (MILE)				
C 10+00 TO C 30+06	LT	0.4				
C 10+00 TO C 15+28	RT	0.1				
C 16+86 TO C 33+23	RT	0.3				
C 31+12 TO C 78+98	LT	0.9				
C 36+93 TO C 43+79	RT	0.1				
C 46+43 TO C 69+67	RT	0.4				
C 72+48 TO C 79+03	RT	0.1				
D 683+42 TO D 688+57	RT	0.1				
D 684+27 TO D 688+57	LT	0.1				
PROJECT TOTAL = 2.6						
SEE QUANTITY	NOTES 4,	6, 7, & 8.				

PLASTIC DRAINAGE MARKING SCHEDULE						
LOCATION	OFFSET	QTY. (EACH)	TYPE			
C 18+85	LT/RT	2	CC			
C 20+50	LT/RT	2	CC			
C 45+10	RT	1	CC			
C 45+75	LT/RT	3	CC			
C 49+00	LT/RT	2	CC			
C 64+70	LT/RT	2	CC			
C 72+15	LT/RT	2	CC			
C 98+45	LT/RT	4	CC			
C 100+80	LT	1	CC			
C 100+80	RT	1	DS			
D 603+50	LT/RT	2	CC			
D 633+75	LT/RT	2	CC			
D 643+55	LT/RT	2	CC			
D 682+50	LT	1	DS			
D 683+70	LT	1	DS			
D 684+75	LT	1	DS			
D 685+50	LT/RT	2	DS/CC			
Р	ROJECT	TOTAL = 31				
CC = CROSS CULVERT						
DS = DRAINAGE STRUCTURE						
SEE	QUANTIT	Y NOTE 3 & 7.				

QUANTITY NOTES:

- 1. SEE STANDARD PLAN M-40 SERIES FOR GUIDEPOST PLACEMENT.
- 2. ALL GUIDEPOSTS SHALL BE WHITE IN COLOR.
- 3. SEE STANDARD PLAN M-24.60 FOR DRAINAGE MARKINGS.
- 4. SEE STANDARD PLAN M-60.20 FOR SHOULDER RUMBLE STRIP LAYOUT.
- 5. SEE STANDARD PLAN M-65.10 FOR CENTERLINE RUMBLE STRIP LAYOUT.
- 6. RUMBLE STRIPS SHALL BE FOG SEALED IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 5-02.
- 7. QUANTITIES AND/OR LOCATIONS ARE APPROXIMATE.
- 8. CONTRACTOR TO LAYOUT RUMBLE STRIPS, SEE SPECIAL PROVISION "CONTRACTOR SURVEYING ROADWAY".

GUIDE POST, RUMBLE STRIP, & DRAINAGE MARKING DETAILS

FILE NAME	T:\412334\XL5379 SR 20 Boo	on Rd to Ault Field Paving\CAE_XL5379\CAD\ContractPla	ns\XL5379_PS	S_PMI	D_29.dg	ın		T
TIME	4:31:28 PM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	1/31/2023					WASH		
PLOTTED BY	konklet				10	WASH		<
DESIGNED BY	J. RABENSTEIN					UMBER		
ENTERED BY	R. ANTOS				22A	046		
CHECKED BY	E. WINTER				CONTR	ACT NO.	LOCATION NO.	7
PROJ. ENGR.	S. BEIER							
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				





SR 20
BOON RD VIC TO AULT FIELD RD VIC
PAVING & ADA COMPLIANCE

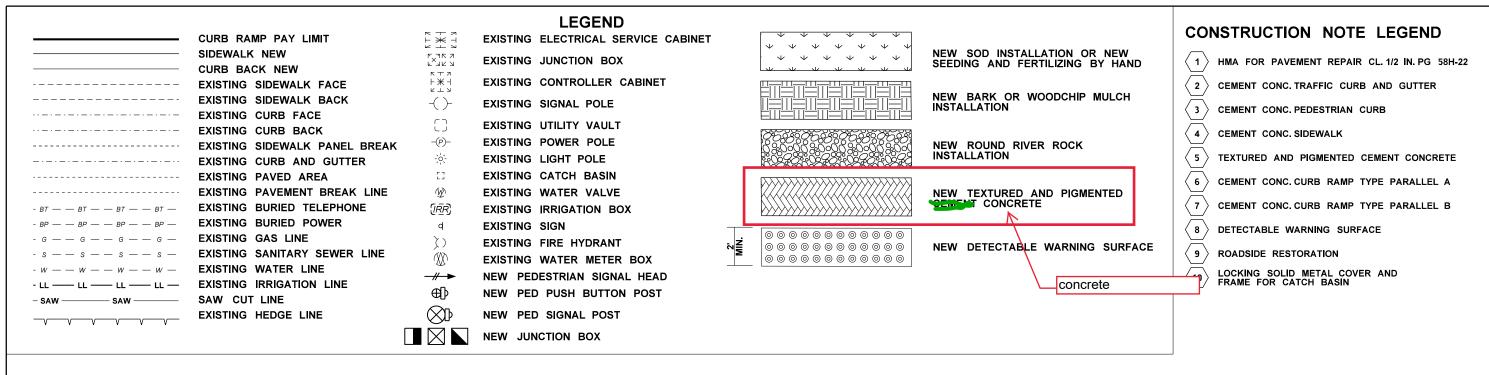
PAVEMENT MARKING DETAILS

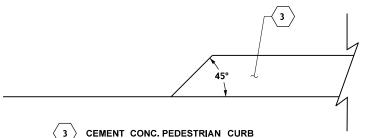
Plot 5

PMD5

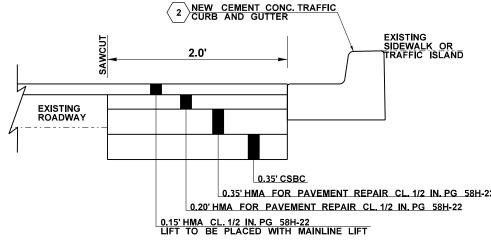
31 of 91 sheets

				QU	ANTI	TY T	ABU	LATI	ON -	CUR	RB RA	AMP	PLAN	1				
NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	CEMENT CONC. TRAFFIC CURB AND GUTTER	CEMENT CONC. PEDESTRIAN CURB	CEMENT CONC. SIDEWALK	CEMENT CONC. CURB RAMP TYPE PARALLEL A	CEMENT CONC. CURB RAMP TYPE PARALLEL B	DETECTABLE WARNING SURFACE	ADJUST CATCH BASIN	TEXTURED AND PIGMENTED CEMENT CONC. PAVEMENT							SEE GENERAL NOTES	GENERAL NOTES:	
CODE LOCATION V \ UNIT OF MEASURE > CR 2 SR 20 & SW EAGLE VISTA AVE, SE QUAD CR 3 SR 20 & SW EAGLE VISTA AVE, NE QUAD CR 4 SR 20 & W CEMETERY RD, SE QUAD NORT CR 5 SR 20 & W CEMETERY RD, SE QUAD WES CR 6 SR 20 & NE 16TH AVE, SW QUAD	TON 3 7 H 3 T 5	L.F. 17 65 35 53	L.F. 11 53 26 46	S.Y. 3.2 29.1 4.6 13.1	EACH 1 1 1	2	S.F. - - - - -	EACH 1	S.Y							1,4,5,6 1,2,4,5,6 1,4,5,6 1,4,5,6 1,3,4,5,6	1. SEE STANDARD PLAN F-10.12, CEMENT CONCRETE CURBS. 2. SEE MODIFIED CEMENT CONC. TRAFFIC AND GUTTER DETAIL ON SHEET CR1. 3. SEE STANDARD PLAN F-10.16, CEMENT CONCRETE CURB AND GUTTER PAN. 4. SEE STANDARD PLAN F-30.10. CEMENT	C CURB
CR 7 SR 20 & NE 16TH AVE, NW QUAD SOUTH CR 8 SR 20 & NE 16TH AVE, NW QUAD EAST CR 9 SR 20 & W CEMETERY RD, NE QUAD CR 10 SR 20 & W CEMETERY RD, SE SHOULDER RAM CR 10 SR 20 & NE 16TH AVE, SW SHOULDER RAM CR 11 SR 20 & AULT FIELD RD, SW QUAD CR 12 SR 20 & AULT FIELD RD, NW QUAD		39 54 42 10 9 48 41	25 42 27 - - 37 22	8.2 15.1 6.5 6.1 5.2 11 7.1	1 1 1 - - - 1	- - - 2	-	-	- - - 1.1							1,3,4,5,6 1,4,5,6 1,3,4,5,6 1,4 1,4 1,2,4,5,6 1,2,4,5,6	4. SEE STANDARD PLAN F-30.10, CEMENT CONCRETE SIDEWALK. 5. SEE STANDARD PLAN F-45.10, DETECTABLE WARNING SURFACE. 6. SEE STANDARD PLAN F-40.12, PARALLEL CURB RAMP. 7. SEE SPECIAL PROVISION "TEXTURED AND PIGMENTED CEMENT CONC. PAVEMENT.	
CR 12 SR 20 & AULT FIELD RD, NW SHOULDER RAM TI 1 SR 20 & W CEMETERY RD, EAST ISLAND TI 2 SR 20 & W CEMETERY RD, WEST ISLAND	12	16 126 125	- 65 65	10.4 21.3 20.7	-		- 32 30	-	29.8 33.8							1,4 1,4,5,7 1,4,5,7		
SHEET TOTA PROJECT TOTA		717	444	166.9 166.9	7 7	5 5	62	1 1	64.7 64.7									
DESIGNED BY J. RABENSTEIN ENTERED BY R. ANTOS	70	1 11	1 444	100.9	REGION NO.	STATE		PROJ. NO.	U4. <i>1</i>			2	/ashington epartment	State		1	SR 20 ON RD VIC TO AULT FIELD RD VIC PAVING & ADA COMPLIANCE	QTC 1
CHECKED BY E. WINTER PROJ. ENGR. S. BEIER REGION ADM. B. NIELSEN DATE DATE		REVISION	I	ВҮ	1	UMBER 046 ACT NO.							epartment	of Transp	ortation	QUAN	TITY TABULATION - CURB RAMP PLAN	32 OF 91 SHEETS

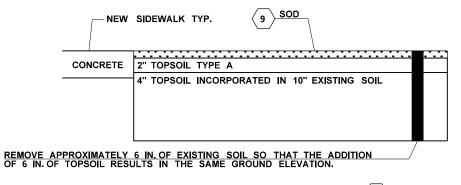




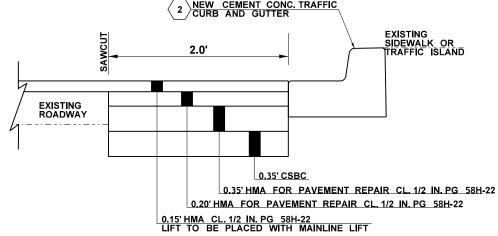
CURB END CROSS SECTION DETAIL PROFILE VIEW USE WHERE SHOWN IN PLANS



HMA FOR PAVEMENT REPAIR TYPICAL PAVEMENT SECTION DETAIL \langle 1 \rangle

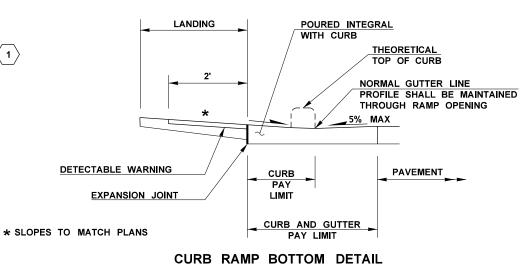


SOD INSTALLATION DETAIL (9)



GENERAL NOTES:

- THE CONTRACTOR SHALL NOT CLOSE MORE THAN ONE INTERSECTION QUADRANT AT A TIME. SEE SPECIAL PROVISION "CONSTRUCTION UNDER TRAFFIC" AND PEDESTRIAN DETOUR PLAN PD1 - PD4.
- GUTTER PAN SHALL BE PLACED AROUND CATCH BASINS WHERE SHOWN. SEE STANDARD PLAN F-10.16. SEE STANDARD PLAN F-10.12 FOR CEMENT CONCRETE CURBS.
- CEMENT CONCRETE SIDEWALKS AND RAMPS SHALL HAVE CONTRACTION JOINTS SPACED A MAXIMUM OF 4'APART AND EXPANSION JOINTS SPACED A MAXIMUM OF 12'APART. SEE CEMENT CONCRETE SIDEWALK STANDARD PLAN F-30.10.
- SEE STANDARD PLAN F-40.12 "PARALLEL CURB RAMP" FOR ADDITIONAL DETAILS NOT SHOWN.
- SEE STANDARD PLAN F-45.10 "DETECTABLE WARNING SURFACE" FOR DETAILS NOT SHOWN.
- SEE SPECIAL PROVISIONS FOR ROADSIDE RESTORATION, TEXTURED AND PIGMENTED CEMENT CONC. PAVEMENT, AND MODIFIED CEMENT CONC. TRAFFIC CURB AND GUTTER ITEM



CURB RAMP BOTTOM DETAIL NTS

FILE NAME	T:\412334\XL5379 SR 20 Boo	n Rd to Ault Fleid Paving\CAE_XL5379\CAD\ContractPla	ns\XL5379_P	S_CR	_30.dgn		
TIME	11:17:40 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	2/23/2023				10	WASH	
PLOTTED BY	KonkleT				ו ויי	WASH	
DESIGNED BY	J. RABENSTEIN					UMBER	
ENTERED BY	R. ANTOS				22A	046	
CHECKED BY	E. WINTER				CONTR	ACT NO.	LOCATION NO.
PROJ. ENGR.	S. BEIER						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			



DATE	Washingto Department of T

SR 20 BOON RD VIC TO AULT FIELD RD VIC **PAVING & ADA COMPLIANCE** on State Transportation

CURB RAMP PLAN

CR1 SHEET 33 91

Plot 1

PLAN REF N

- SEE SHEET CR1 FOR LEGEND, DETAILS, AND GENERAL NOTES.
- 2. CURB RADIUS MEASURED AT FACE OF CURB.
- 3. DISTURBED AREAS SHALL BE RESTORED TO MATCH
- 4. SAVE AND PROTECT VEGETATION NOT NECESSARY TO REMOVE FOR SIDEWALK INSTALLATION.
- SEE SHEET SERIES SGN, TVD, SG, SGD FOR ELECTRICAL WORK

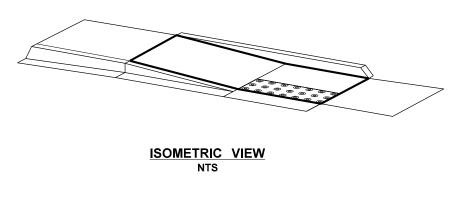
SWEAGLE VISTA							
AVE	AVE SE QUAD						
POINT	ELEVATION						
1	138.26'						
2	138.06'						
3	138.35'						
4	138.39'						
5	138.10'						
6	138.30'						

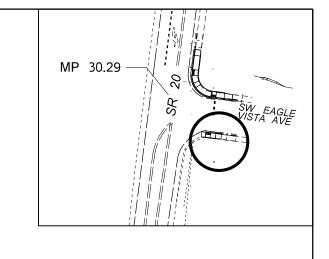


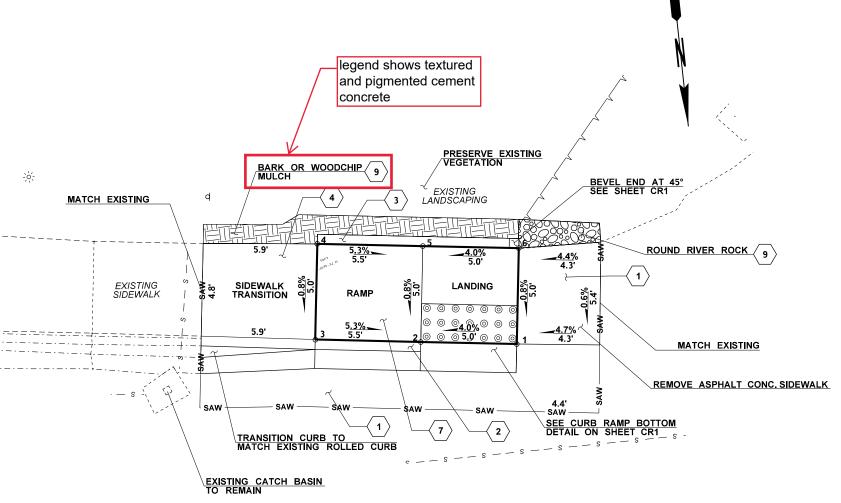
CONSTRUCTION NOTE LEGEND

- 1 HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22
- 2 CEMENT CONC. TRAFFIC CURB AND GUTTER
- (3) CEMENT CONC. PEDESTRIAN CURB
- 4 CEMENT CONC. SIDEWALK
- \langle 7 angle cement conc. Curb ramp type parallel b
- 9 ROADSIDE RESTORATION











FILE NAME	T:\412334\XL5379 SR 20 Boon Rd to Ault Field Paving\CAE_XL5379\CAD\ContractPlans\XL5379_PS_CR_30.dgn								
TIME	7:29:10 AM				REGION NO.	STATE	FED.AID PROJ.NO.		
DATE	2/21/2023				10	WASH			
PLOTTED BY	KonkleT				10	WASH			
DESIGNED BY	J. RABENSTEIN				JOB N				
ENTERED BY	R. ANTOS				22A	046			
CHECKED BY	E. WINTER				CONTR	ACT NO.	LOCATION NO.		
PROJ. ENGR.	S. BEIER								
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY					





DATE

SR 20								
BOON RD VIC TO AULT FIELD RD VIC								
PAVING & ADA COMPLIANCE								
CURB RAMP PLAN								

2.5

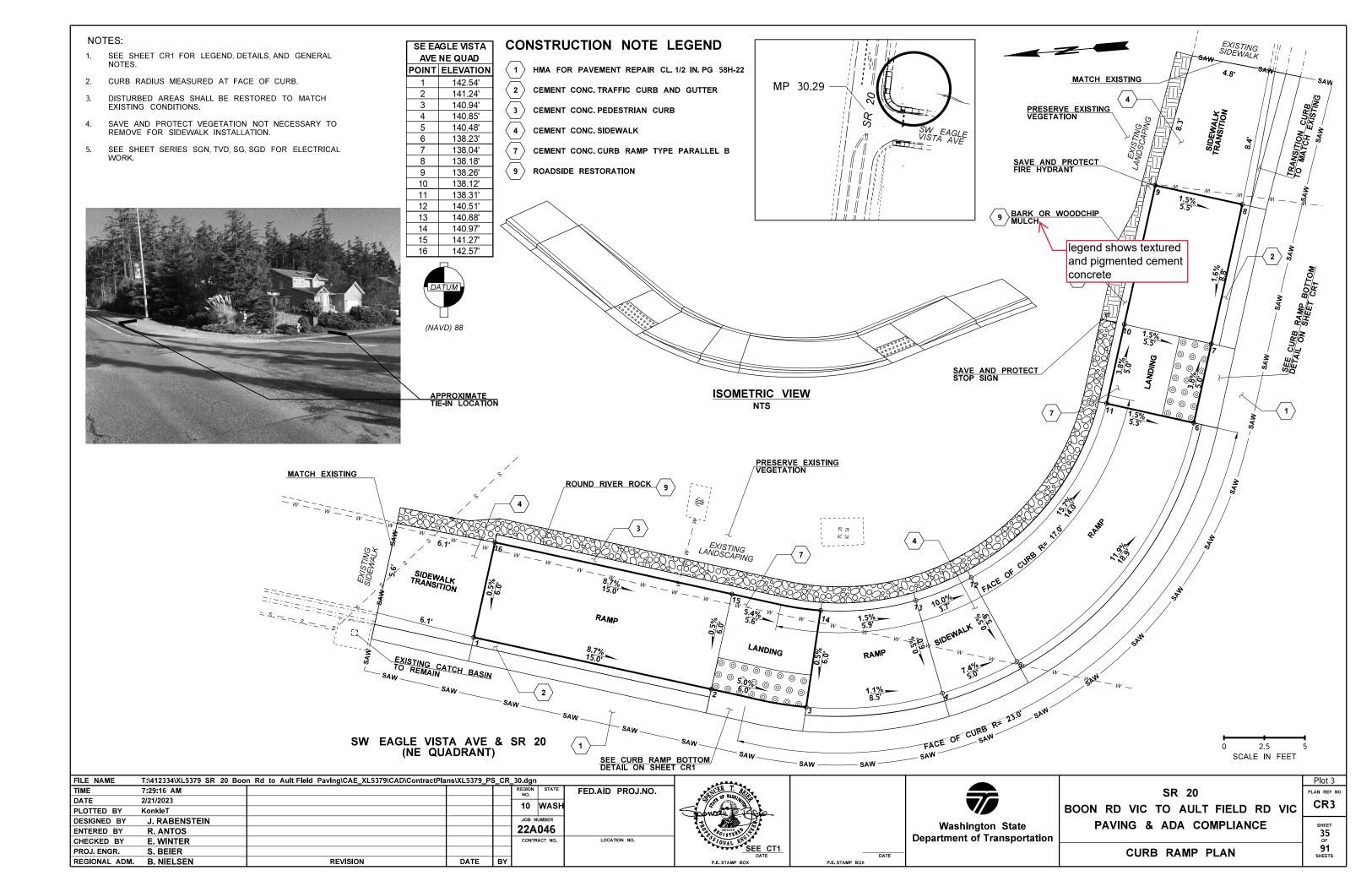
SCALE IN FEET

Plot 2

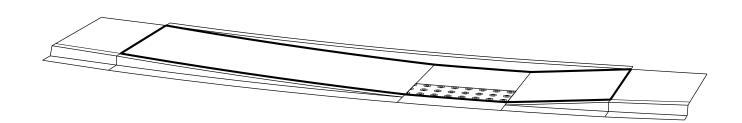
CR2

34 OF

91 SHEETS

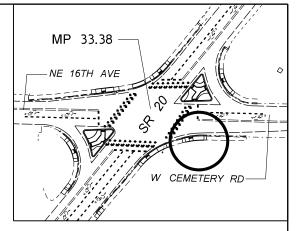


- SEE SHEET CR1 FOR LEGEND, DETAILS, AND GENERAL NOTES.
- 2. CURB RADIUS MEASURED AT FACE OF CURB.
- 3. DISTURBED AREAS SHALL BE RESTORED TO MATCH
- SAVE AND PROTECT VEGETATION NOT NECESSARY TO REMOVE FOR SIDEWALK INSTALLATION. 4.
- SEE SHEET SERIES SGN, TVD, SG, SGD FOR ELECTRICAL



ISOMETRIC VIEW

NTS

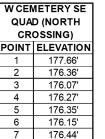


MATCH EXISTING

EXISTING SIDEWALK

CONSTRUCTION NOTE LEGEND

- HMA FOR PAVEMENT REPAIR CL. 1/2 IN PG 58H-22
- $\langle 2 \rangle$ CEMENT CONC. TRAFFIC CURB AND GUTTER
- \langle 3 \rangle CEMENT CONC. PEDESTRIAN CURB
- \langle 4 \rangle CEMENT CONC. SIDEWALK
- CEMENT CONC. CURB RAMP TYPE PARALLEL A
- ROADSIDE RESTORATION

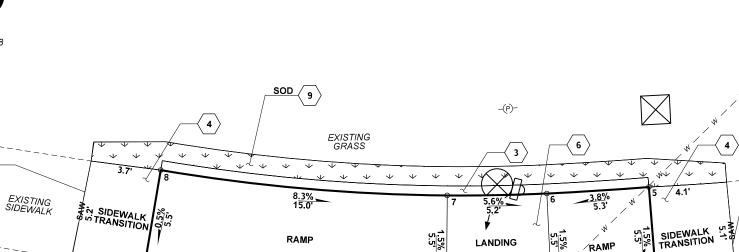


177.69'



MATCH EXISTING









APPROXIMATE
TIE-IN LOCATION

(2) FACE OF CURB R= 100.0"

> W CEMETERY RD & SR 20 (SE QUADRANT, NORTH CROSSING)

RAMP

4.		
WANTED TO		
愛ったと		
- + NS-		
₩		Mos
5.578	I	Was
10 10 10 10 10 10 10 10 10 10 10 10 10 1	_	

DATE



LANDING

RAMP

SEE CURB RAMP BOTTOM DETAIL ON SHEET CR1

FACE OF CURB R= 175.0'

ashington State Department of Transportation

SR 20							
BOON RD VIC TO AULT FIELD RD	VIC						
PAVING & ADA COMPLIANCE							

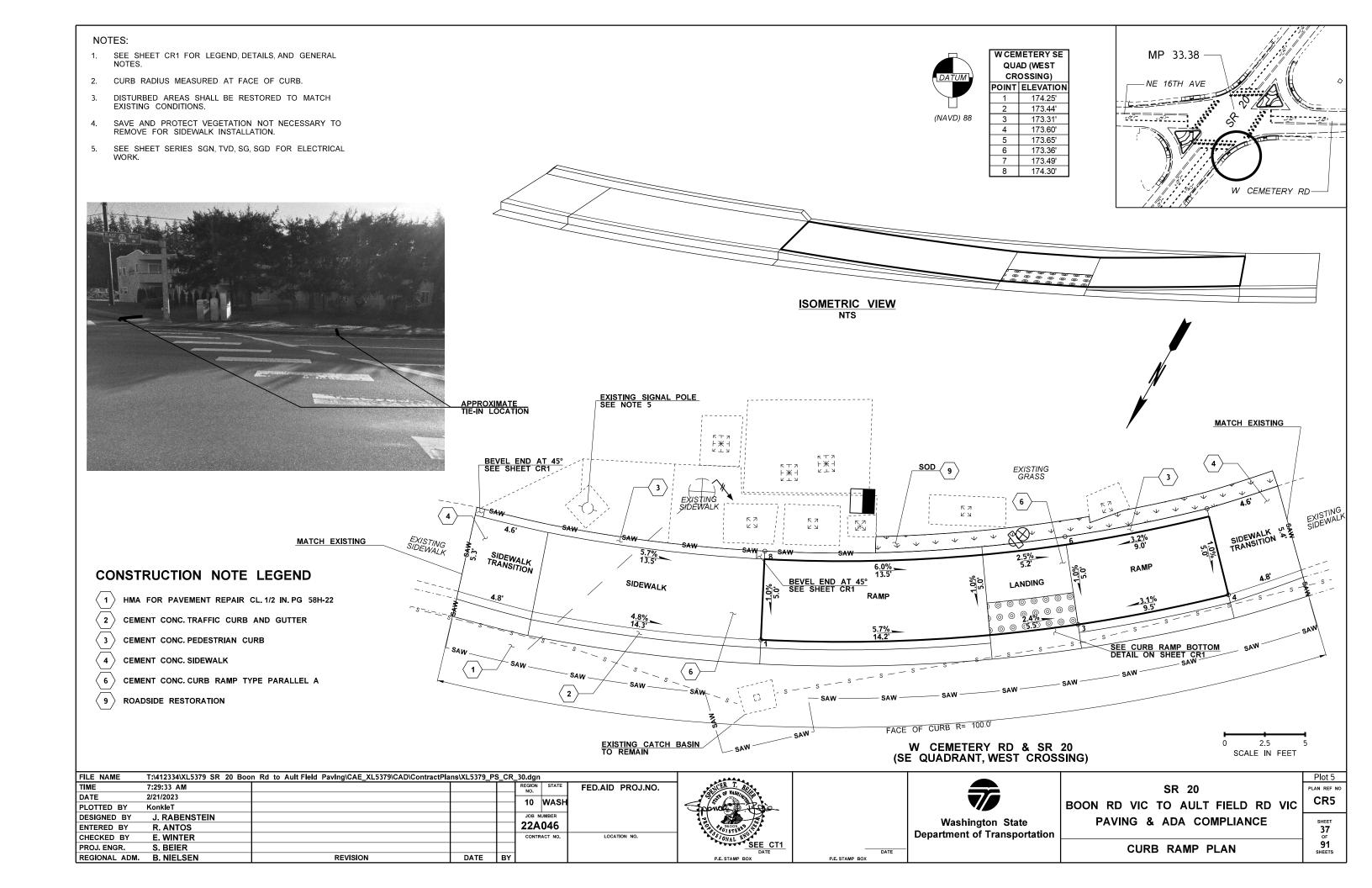
CURB RAMP PLAN

	Plot 4	
	PLAN REF NO	
O VIC	CR4	
J VIC		
	SHEET	
	36 of	
) <u>9</u> 1	
	SHEETS	

2.5

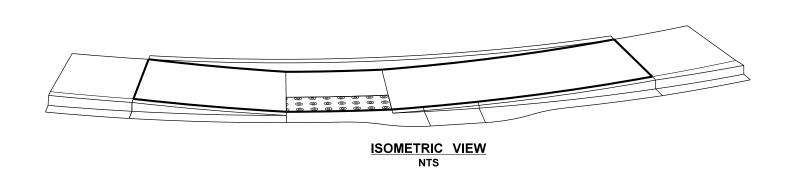
SCALE IN FEET

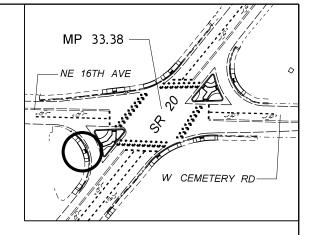
FILE NAME	T:\412334\XL5379 SR 20 Boon Rd to Ault Fleld Paving\CAE_XL5379\CAD\ContractPlans\XL5379_PS_CR_30.dgn						
TIME	7:29:25 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	2/21/2023					WASH	
PLOTTED BY	KonkleT				'0	WASH	
DESIGNED BY	J. RABENSTEIN				JOB NUMBER		
ENTERED BY	R. ANTOS				22A046		
CHECKED BY	E. WINTER				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	S. BEIER						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			



NOTES:

- SEE SHEET CR1 FOR LEGEND, DETAILS, AND GENERAL NOTES.
- 2. CURB RADIUS MEASURED AT FACE OF CURB.
- 3. DISTURBED AREAS SHALL BE RESTORED TO MATCH
- 4. SAVE AND PROTECT VEGETATION NOT NECESSARY TO REMOVE FOR SIDEWALK INSTALLATION.
- 5. SEE SHEET SERIES SGN, TVD, SG, SGD FOR ELECTRICAL WORK.
- CONTRACTOR TO RESET EXISTING CATCH BASIN STRUCTURE FRAME TO MATCH FINISHED SURFACE AND REPLACE EXISTING LID WITH NEW LOCKING SOLID METAL COVER AND FRAME WITH SLIP-RESITANT COATING. SEE SPECIAL PROVISIONS.







POINT ELEVATION

1 172.18'
2 171.81'
3 171.81'
4 172.52'
5 172.55'
6 171.84'
7 171.77'
8 172.21'

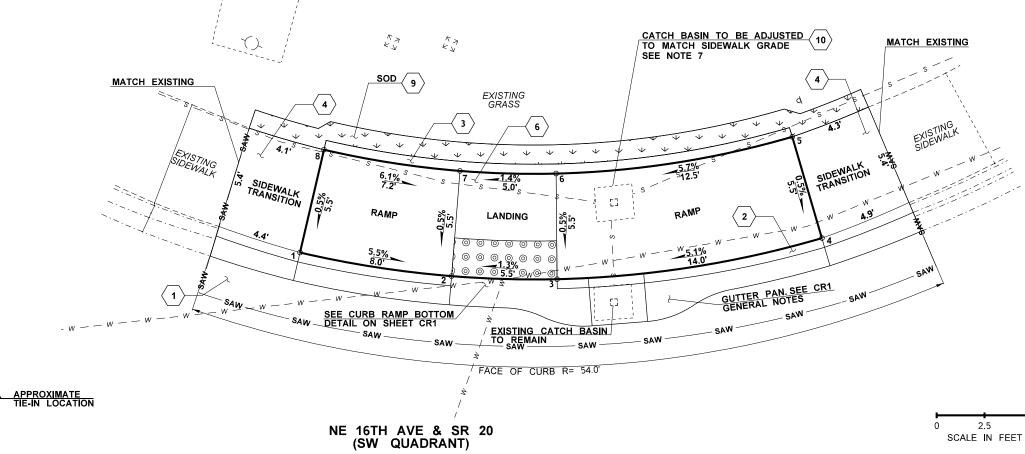
NE 16TH SW QUAD



CONSTRUCTION NOTE LEGEND

- 1 HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22
- (2) CEMENT CONC. TRAFFIC CURB AND GUTTER
- (3) CEMENT CONC. PEDESTRIAN CURB
- 4 CEMENT CONC. SIDEWALK
- \langle 6 angle cement conc.curb ramp type parallel a
- 9 ROADSIDE RESTORATION
- LOCKING SOLID METAL COVER AND FRAME FOR CATCH BASIN





DATE

T:\412334\XL5379 SR 20 Boon Rd to Ault Fleld Paving\CAE_XL5379\CAD\ContractPlans\XL5379_PS_CR_30.dgn FILE NAME TIME 1:58:37 PM FED.AID PROJ.NO. DATE 2/23/2023 10 WASH PLOTTED BY KonkleT JOB NUMBER DESIGNED BY J. RABENSTEIN 22A046 ENTERED BY R. ANTOS CHECKED BY E. WINTER LOCATION NO. S. BEIER PROJ. ENGR. REGIONAL ADM. B. NIELSEN REVISION DATE BY





SR 20
BOON RD VIC TO AULT FIELD RD VIC
PAVING & ADA COMPLIANCE

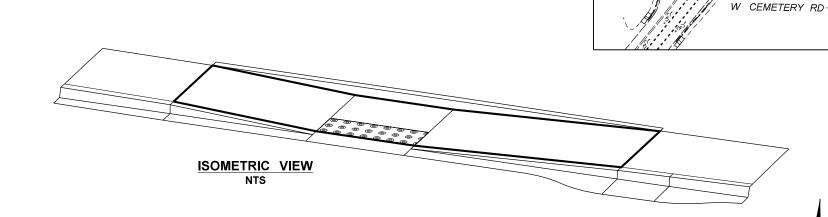
CURB RAMP PLAN

Plot 6
PLAN REF NO
CR6
SHEET
38
of
91

NOTES: SEE SHEET CR1 FOR LEGEND, DETAILS, AND GENERAL NOTES. 2. CURB RADIUS MEASURED AT FACE OF CURB. DISTURBED AREAS SHALL BE RESTORED TO MATCH SAVE AND PROTECT VEGETATION NOT NECESSARY TO REMOVE FOR SIDEWALK INSTALLATION. 4. SEE SHEET SERIES SGN, TVD, SG, SGD FOR ELECTRICAL



(5	NE 16TH NW QUAD (SOUTH CROSSING)										
	POINT ELEVATION										
1	174.15'										
2	173.81'										
3	173.94'										
4	174.68'										
5	174.76'										
6	174.02'										
7	7 173.89'										
8	174.23'										



CONSTRUCTION NOTE LEGEND

HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22

CEMENT CONC. TRAFFIC CURB AND GUTTER

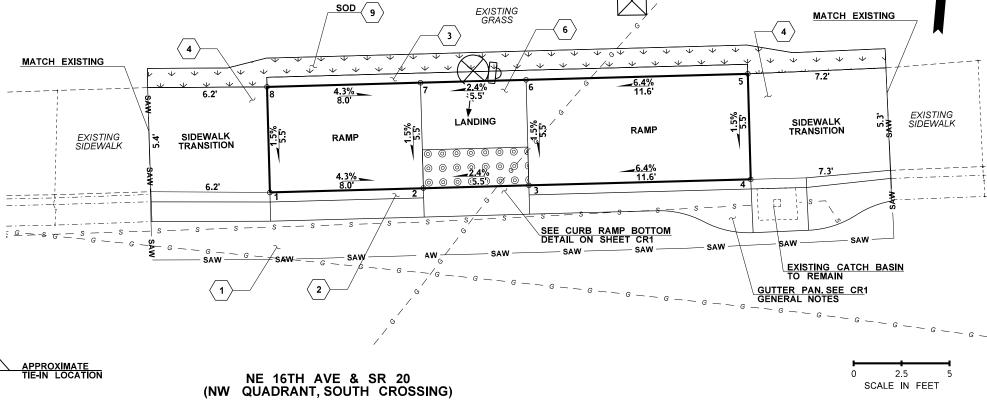
 \langle 3 \rangle CEMENT CONC. PEDESTRIAN CURB

 $\langle 4 \rangle$ CEMENT CONC. SIDEWALK

(6) CEMENT CONC. CURB RAMP TYPE PARALLEL A

ROADSIDE RESTORATION





DATE

T:\412334\XL5379 SR 20 Boon Rd to Ault Fleld Paving\CAE_XL5379\CAD\ContractPlans\XL5379_PS_CR_30.dgn FILE NAME TIME 7:29:50 AM FED.AID PROJ.NO. DATE 2/21/2023 10 WASH PLOTTED BY KonkleT JOB NUMBER DESIGNED BY J. RABENSTEIN 22A046 ENTERED BY R. ANTOS CHECKED BY E. WINTER LOCATION NO. S. BEIER PROJ. ENGR. REGIONAL ADM. B. NIELSEN REVISION DATE BY



Washington State **Department of Transportation**

SR 20 BOON RD VIC TO AULT FIELD RD VIC **PAVING & ADA COMPLIANCE CURB RAMP PLAN**

SCALE IN FEET

Plot 7

PLAN REF NO

CR7

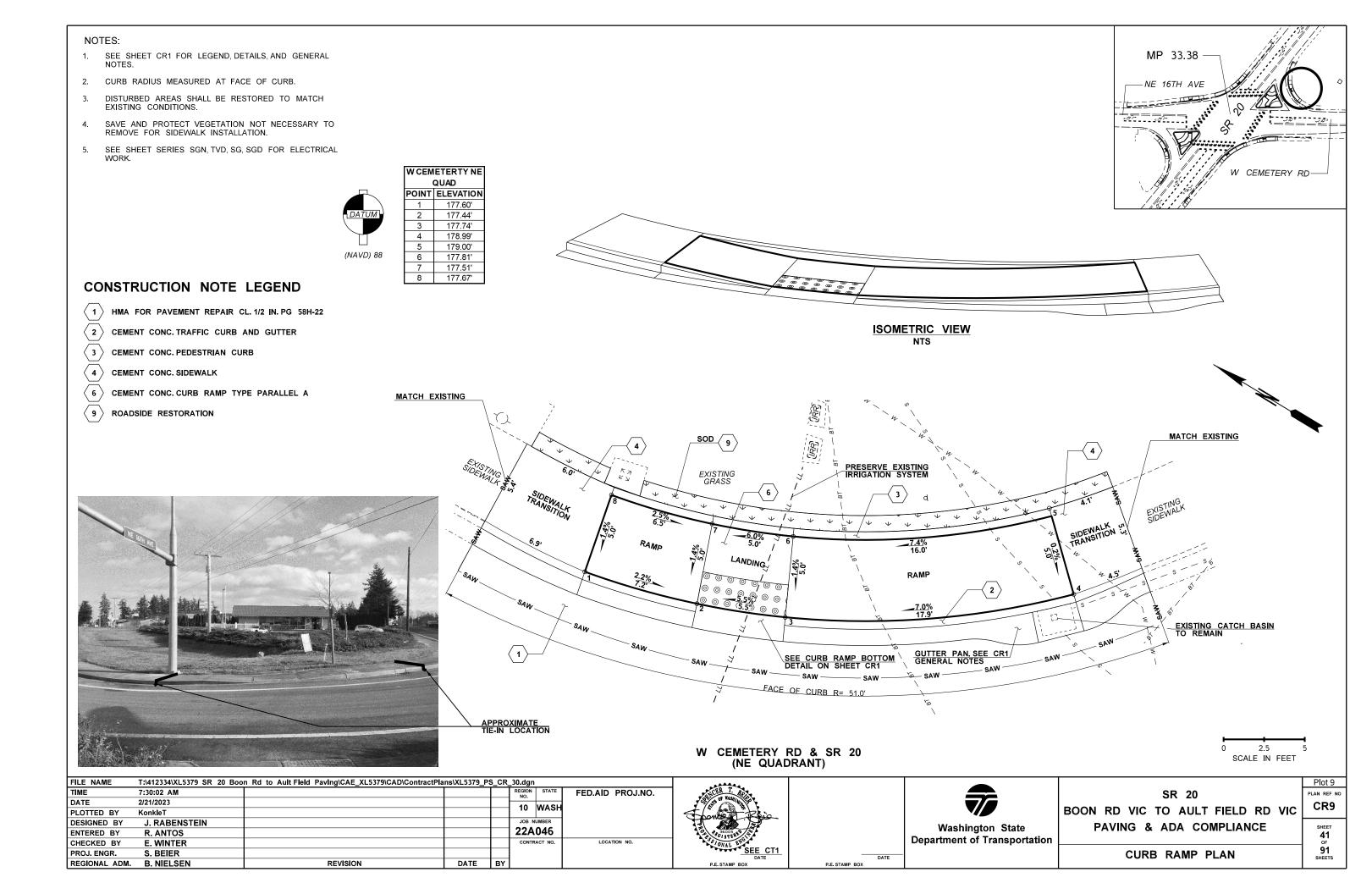
39

91 SHEETS

MP 33.38

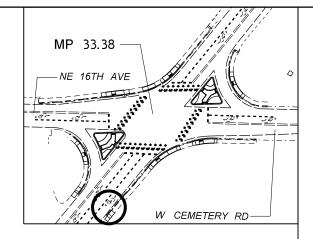
-NE 16TH AVE

NOTES: CONSTRUCTION NOTE LEGEND NE 16TH NW QUAD SEE SHEET CR1 FOR LEGEND, DETAILS, AND GENERAL (EAST CROSSING) NOTES. \langle 1 \rangle HMA FOR PAVEMENT REPAIR CL.1/2 IN.PG 58H-22 POINT ELEVATION 2. CURB RADIUS MEASURED AT FACE OF CURB. 176.23' -NE 16TH AVE CEMENT CONC. TRAFFIC CURB AND GUTTER 176.00' DISTURBED AREAS SHALL BE RESTORED TO MATCH 3. 176.15' (NAVD) 88 ⟨з⟩ CEMENT CONC. PEDESTRIAN CURB 176.92' 4 SAVE AND PROTECT VEGETATION NOT NECESSARY TO REMOVE FOR SIDEWALK INSTALLATION. 4. 177.00' < 4) CEMENT CONC. SIDEWALK 6 176.23' 176.08' SEE SHEET SERIES SGN, TVD, SG, SGD FOR ELECTRICAL < 6) CEMENT CONC. CURB RAMP TYPE PARALLEL A MP 33.38 176.31' ROADSIDE RESTORATION W CEMETERY RD-APPROXIMATE TIE-IN LOCATION ISOMETRIC VIEW NTS MATCH EXISTING MATCH EXISTING EXISTING GRASS BEVEL END AT 45° SEE SHEET CR1 EXISTING SIGNAL POLE SEE NOTE 5 EXISTING GRASS BEVEL END AT 45° SEE SHEET CR1 EXISTING SIDEWALK MATCH EXISTING RAMP \langle 2 \rangle 4.5' SIDEWALK EXISTING SIDEWALK SIDEWALK TRANSITION RAMP -2.5% 18.5 4.8' FACE OF CURB R= 75.0' FACE OF CURB R= 94.0' SEE CURB RAMP BOTTOM DETAIL ON SHEET CR1 - SAW ____ 2.5 **NE 16TH AVE & SR 20** \langle 1 angleSCALE IN FEET (NW QUADRANT, EAST CROSSING) T:\412334\XL5379 SR 20 Boon Rd to Ault Fleld Paving\CAE_XL5379\CAD\ContractPlans\XL5379_PS_CR_30.dgn FILE NAME Plot 8 TIME 7:29:56 AM FED.AID PROJ.NO. SR 20 PLAN REF NO DATE 2/21/2023 CR8 10 WASH BOON RD VIC TO AULT FIELD RD VIC PLOTTED BY KonkleT JOB NUMBER DESIGNED BY J. RABENSTEIN **PAVING & ADA COMPLIANCE** Washington State SHEEТ 40 22A046 ENTERED BY R. ANTOS **Department of Transportation** CHECKED BY E. WINTER CONTRACT NO. LOCATION NO. 91 SHEETS S. BEIER PROJ. ENGR. **CURB RAMP PLAN** DATE REGIONAL ADM. B. NIELSEN REVISION DATE BY



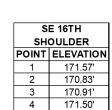
NOTES:

- SEE SHEET CR1 FOR LEGEND, DETAILS, AND GENERAL NOTES.
- CURB RADIUS MEASURED AT FACE OF CURB.
- DISTURBED AREAS SHALL BE RESTORED TO MATCH
- SAVE AND PROTECT VEGETATION NOT NECESSARY TO 4. REMOVE FOR SIDEWALK INSTALLATION.
- SEE SHEET SERIES SGN, TVD, SG, SGD FOR ELECTRICAL

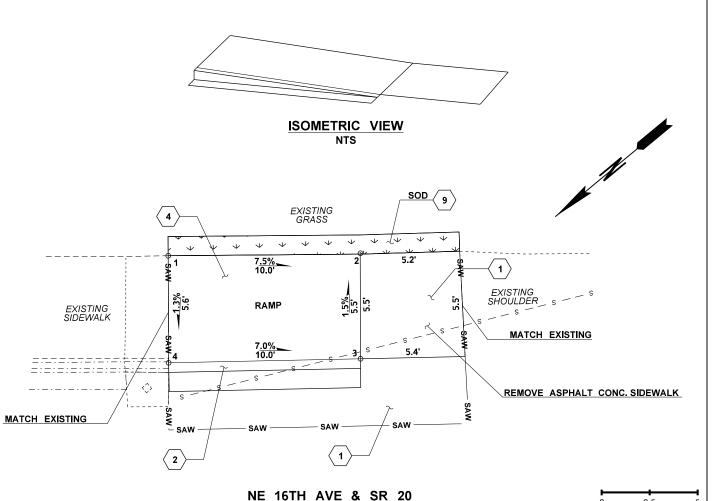


CONSTRUCTION NOTE LEGEND

- HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22
- CEMENT CONC. TRAFFIC CURB AND GUTTER
- \langle 4 \rangle CEMENT CONC. SIDEWALK
- ROADSIDE RESTORATION

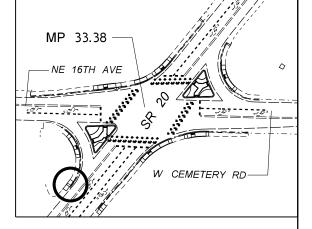






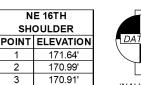
NOTES:

- SEE SHEET CR1 FOR LEGEND, DETAILS, AND GENERAL
- CURB RADIUS MEASURED AT FACE OF CURB.
- DISTURBED AREAS SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.
- SAVE AND PROTECT VEGETATION NOT NECESSARY TO REMOVE FOR SIDEWALK INSTALLATION.
- SEE SHEET SERIES SGN, TVD, SG, SGD FOR ELECTRICAL



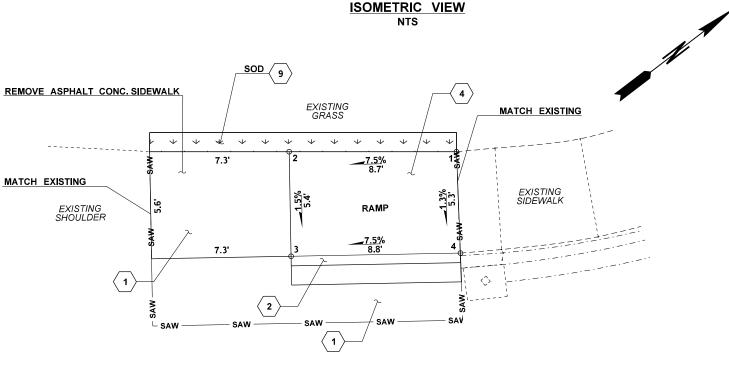
CONSTRUCTION NOTE LEGEND

- \langle 1 angle HMA FOR PAVEMENT REPAIR CL.1/2 IN.PG 58H-22
- CEMENT CONC. TRAFFIC CURB AND GUTTER
- 4 CEMENT CONC. SIDEWALK
- \langle 9 \rangle ROADSIDE RESTORATION



(NAVD) 88

171.57'



NE 16TH AVE & SR 20

SW SHOULDER RAMP

T:\412334\XL5379 SR 20 Boon Rd to Ault Fleld Paving\CAE_XL5379\CAD\ContractPlans\XL5379_PS_CR_30.dgn FILE NAME TIME 7:30:08 AM FED.AID PROJ.NO. DATE 2/21/2023 10 WASH PLOTTED BY KonkleT JOB NUMBER DESIGNED BY J. RABENSTEIN 22A046 ENTERED BY R. ANTOS CHECKED BY E. WINTER LOCATION NO. PROJ. ENGR. S. BEIER REVISION DATE BY REGIONAL ADM. B. NIELSEN

SE SHOULDER RAMP



2.5

SCALE IN FEET

Washington State **Department of Transportation**

DATE

SR 20 BOON RD VIC TO AULT FIELD RD VIC **PAVING & ADA COMPLIANCE**

CURB RAMP PLAN

42 91

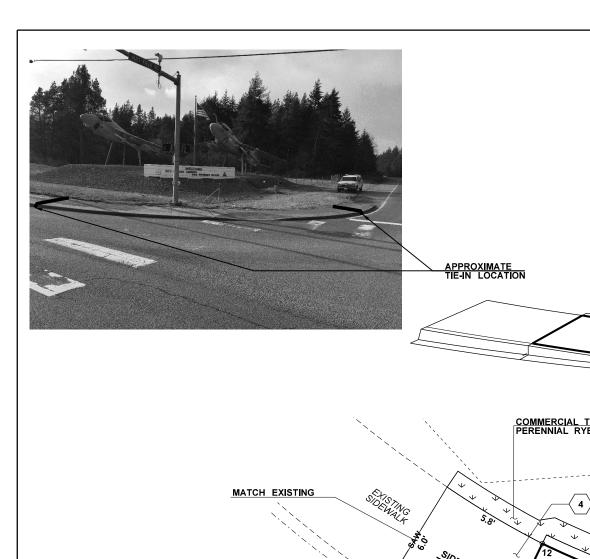
Plot 10

PLAN REF NO

CR10

2.5

SCALE IN FEET



CONSTRUCTION NOTE LEGEND

CEMENT CONC. PEDESTRIAN CURB

CEMENT CONC. SIDEWALK

ROADSIDE RESTORATION

REGIONAL ADM. B. NIELSEN

 $\langle 2 \rangle$

 $\langle 3 \rangle$

 \langle 4 angle

(5)

(1) HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22

CEMENT CONC. TRAFFIC CURB AND GUTTER

TEXTURED AND PIGMENTED CEMENT CONCRETE

CEMENT CONC. CURB RAMP TYPE PARALLEL B

NOTES:

W AULT FIELD RD SW QUAD

POINT ELEVATION1 124.91'

4

10

11

123.91'

123.72'

123.59' 123.52' 123.93'

124.02'

123.61'

123.68' 123.81'

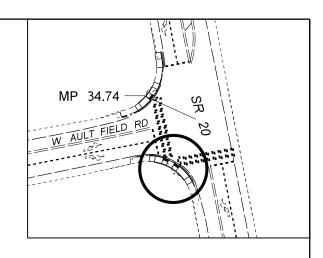
124.00'

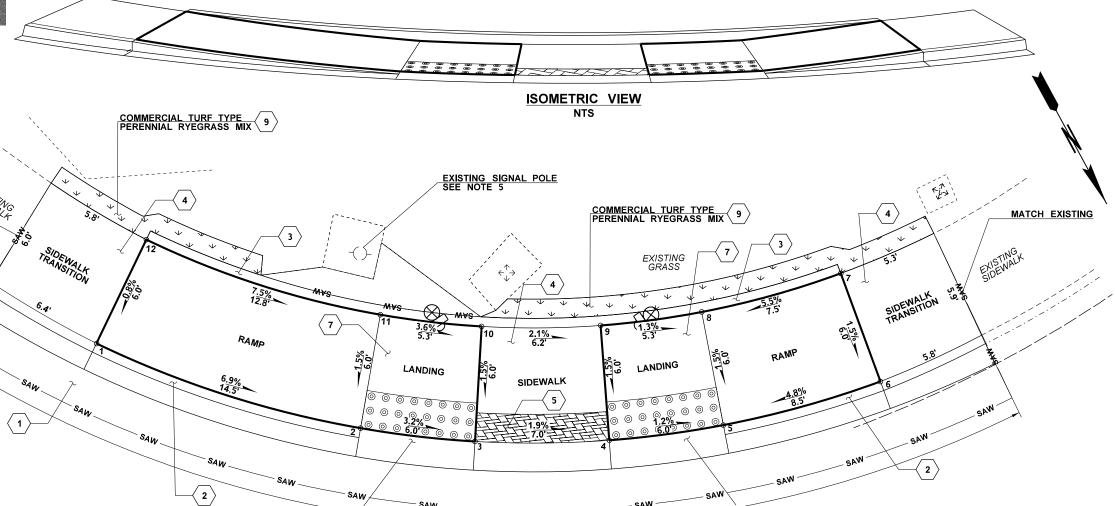
SEE CURB RAMP BOTTOM DETAIL ON SHEET CR1

12 124.96'

(NAVD) 88

- SEE SHEET CR1 FOR LEGEND, DETAILS, AND GENERAL NOTES.
- 2. CURB RADIUS MEASURED AT FACE OF CURB.
- DISTURBED AREAS SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.
- 4. SAVE AND PROTECT VEGETATION NOT NECESSARY TO REMOVE FOR SIDEWALK INSTALLATION.
- 5. SEE SHEET SERIES SGN, TVD, SG, SGD FOR ELECTRICAL WORK



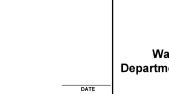


FILE NAME	T:\412334\XL5379 SR 20 Boo	n Rd to Ault Fleid Paving\CAE_XL5379\CAD\ContractPla	ns\XL5379_P	S_CR	_30.dgn	1	
TIME	7:30:14 AM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	2/21/2023				10	WASH	
PLOTTED BY	KonkleT				יי ן	WASH	
DESIGNED BY	J. RABENSTEIN					IUMBER	
ENTERED BY	R. ANTOS				22A	046	
CHECKED BY	E. WINTER				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	S. BEIER				1		

DATE BY

REVISION





FACE OF CURB R= 53.0'

W AULT FIELD RD & SR 20

(SW QUADRANT)

7	SR 20
	BOON RD VIC TO AULT FIELD RD
Washington State tment of Transportation	PAVING & ADA COMPLIANCE
·	CURB RAMP PLAN

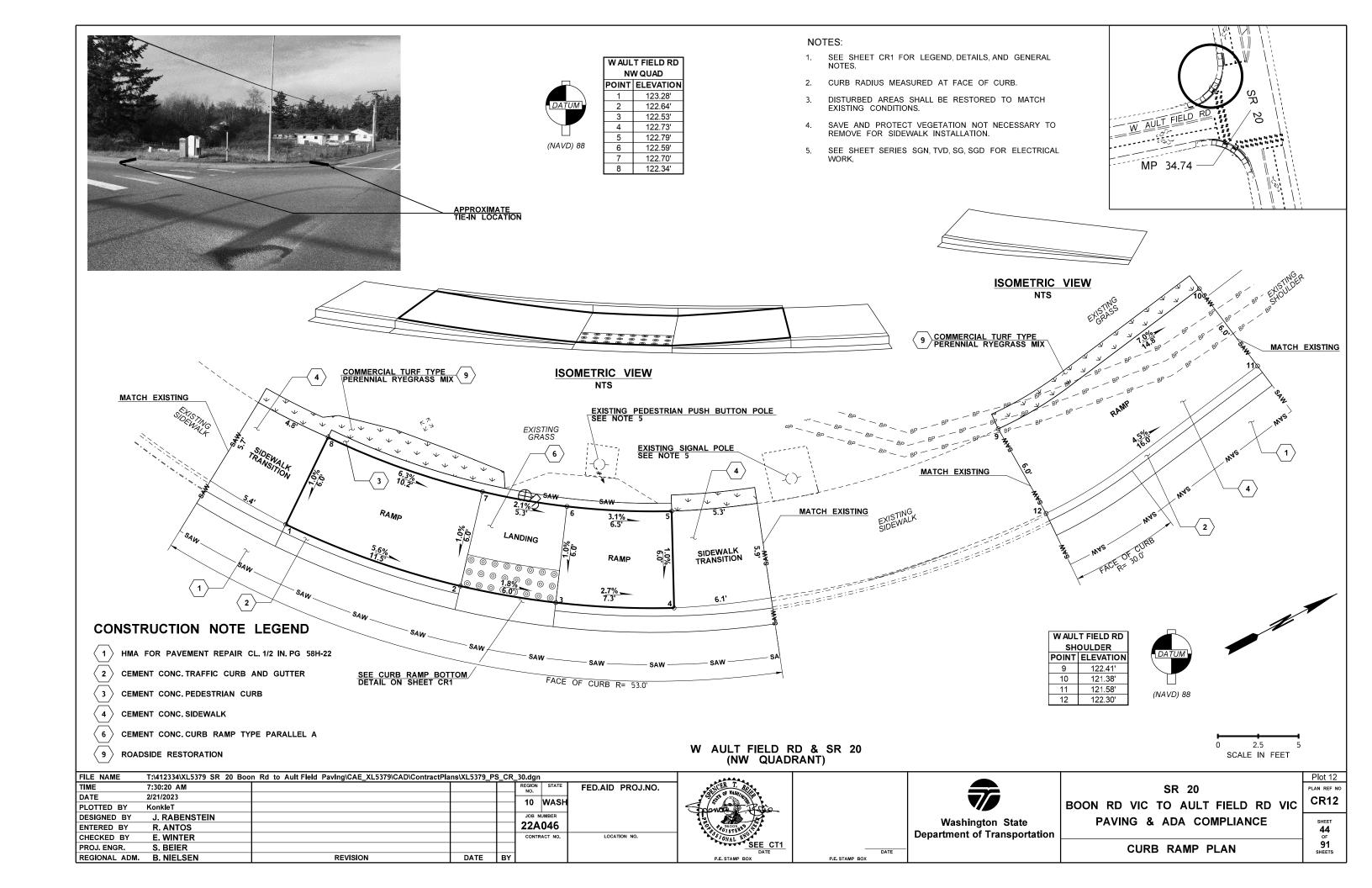
FIELD RD VIC

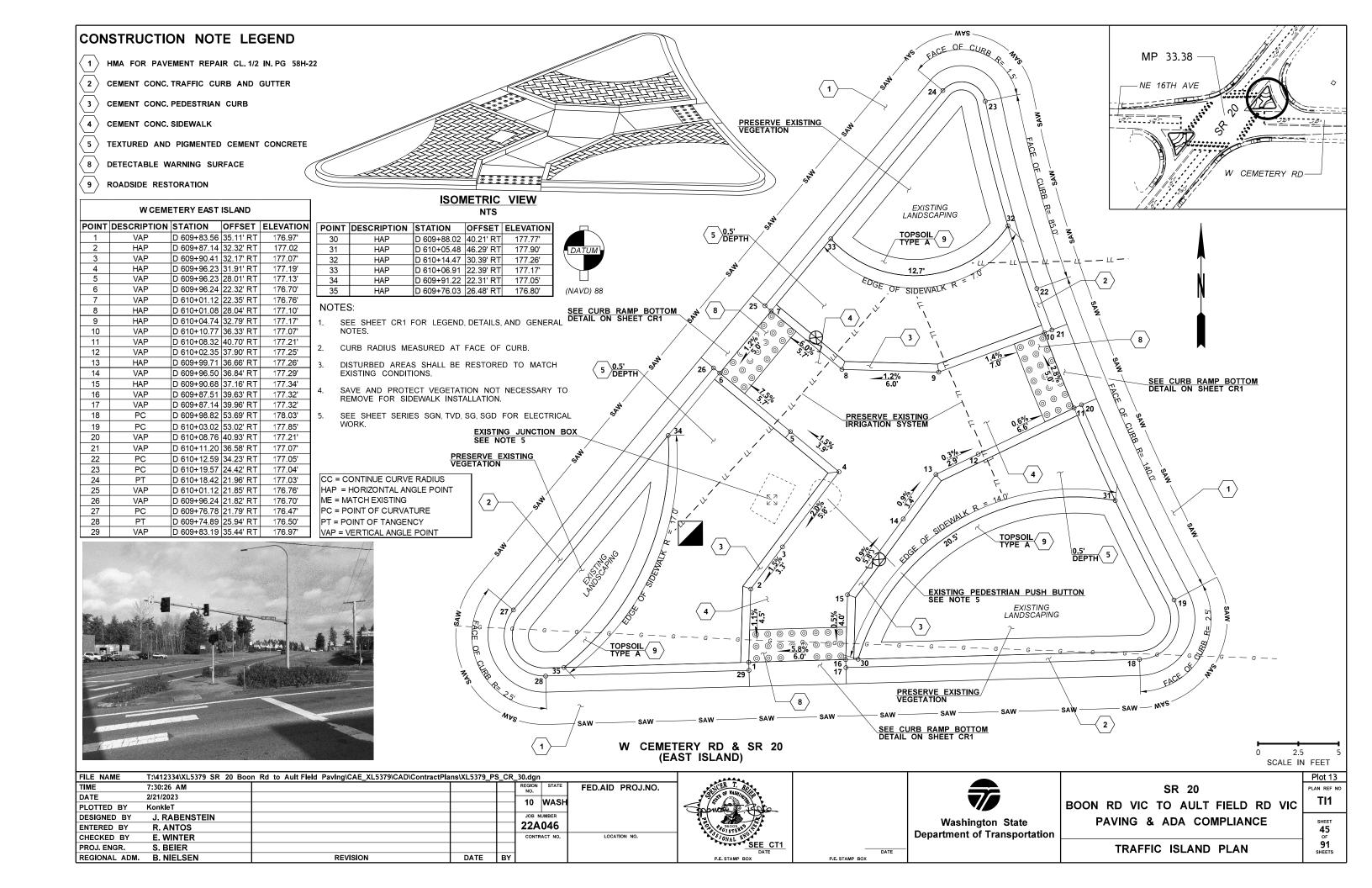
Plot 11
PLAN REF NO
CR11

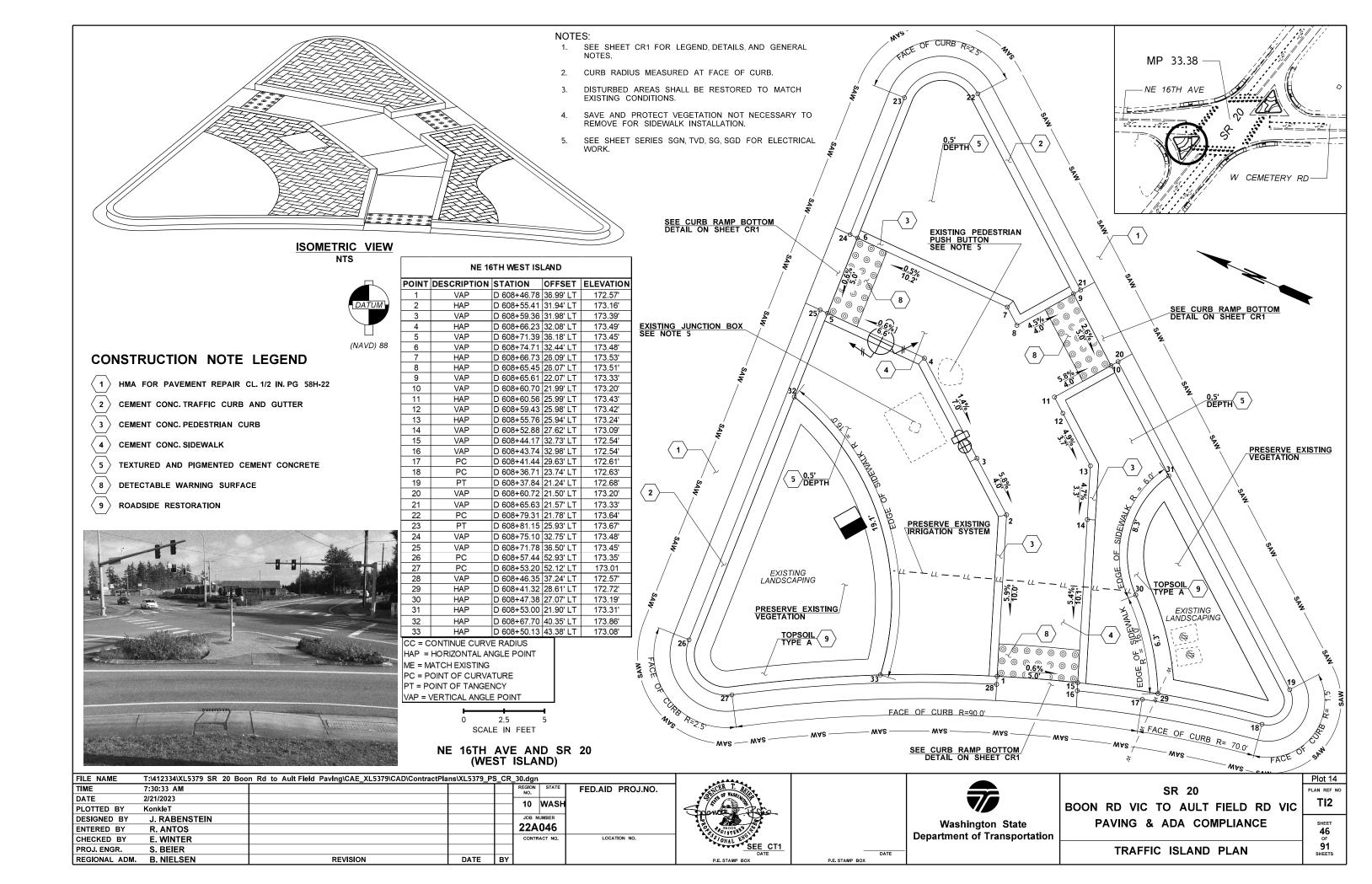
SHEET
43
OF
91
SHEETS

2.5

SCALE IN FEET







<u>LEGEN</u>	<u>D</u>	
EXISTING	NEW	
		TYPE 1 JBOX TYPE 2 JBOX TYPE 3 JBOX TYPE 8 JBOX
SCV		SMALL CABLE VAULT SIGNAL CONTROL CABINET
		CCTV CONTROL CABINET
	_	ELECTRICAL SERVICE CABINET
	⊗ ⊗ Љ	TYPE PS SIGNAL STANDARD PPB POST APS PUSHBUTTON STATION
-CD	U	PED PUSHBUTTON ASSEMBLY
C.	0-	TYPE 3 ADVANCE LOOPS
$Q_{ij}Q_{ij}Q_{ij}$	\bigcirc \bigcirc \bigcirc	TYPE 3 STOP LINE LOOPS
-# <i>*</i> -	-#-	PED HEAD W/TYPE D MOUNTING
÷#.≠	- # →	PED HEAD W/TYPE E MOUNTING
;> ;>		VEHICLE HEAD
ССТУ		CCTV CAMERA
		VIDEO DETECTION CAMERA
o− − → ≺		METAL LIGHT POLE
≪		TYPE 2 SIGNAL STANDARD
⊗		TYPE 3 SIGNAL STANDARD
		CONDUIT
		VIDEO ZONE
	$\langle \mathbf{x} \rangle$	POLE NOTE FLAG
	$\langle \overline{\mathbf{x}} \rangle$	CONSTRUCTION NOTE FLAG
	$\frac{\overline{\lambda}}{x}$	WIRING NOTE FLAG

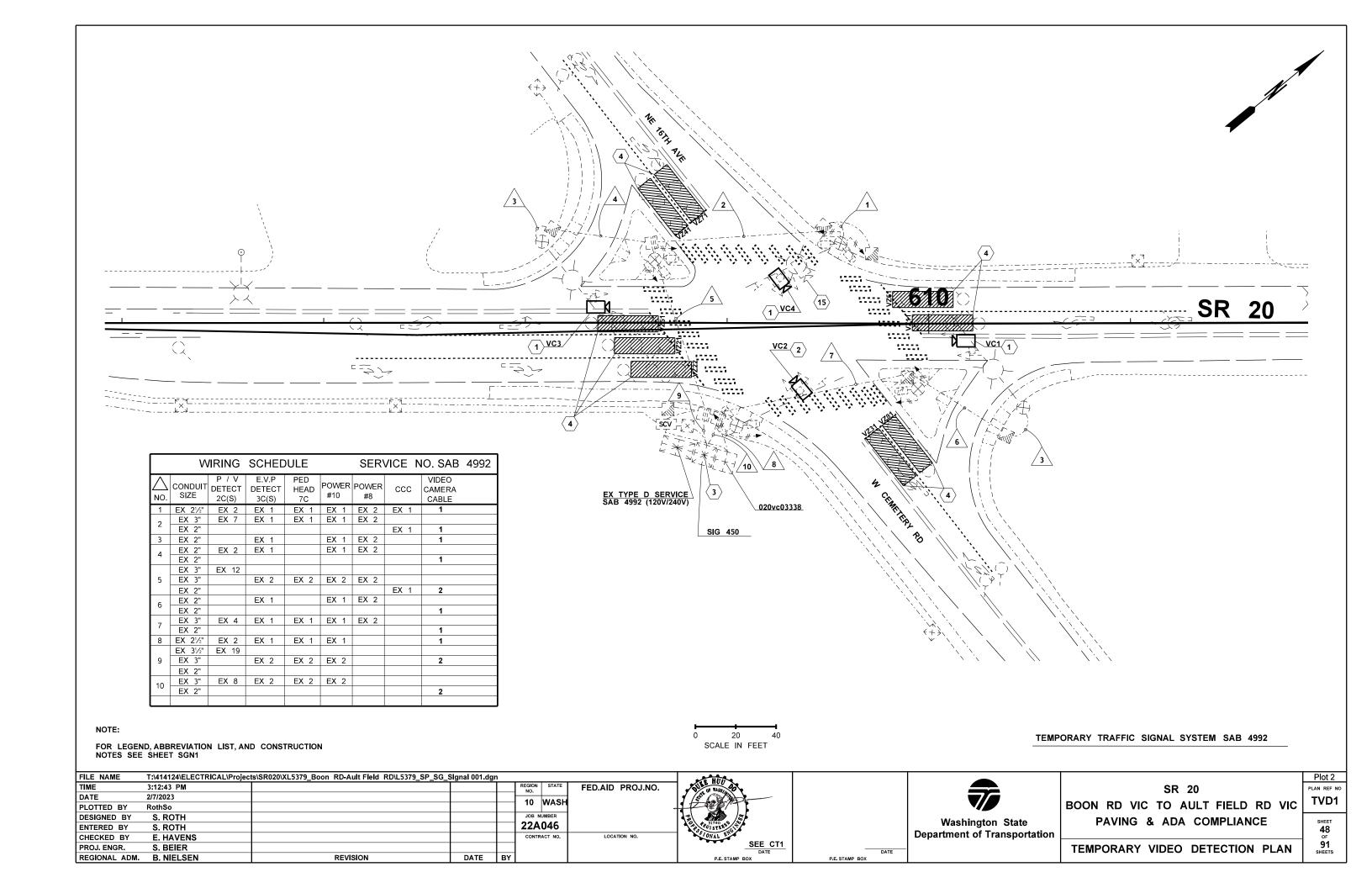
○ CONSTRUCTION NOTES:

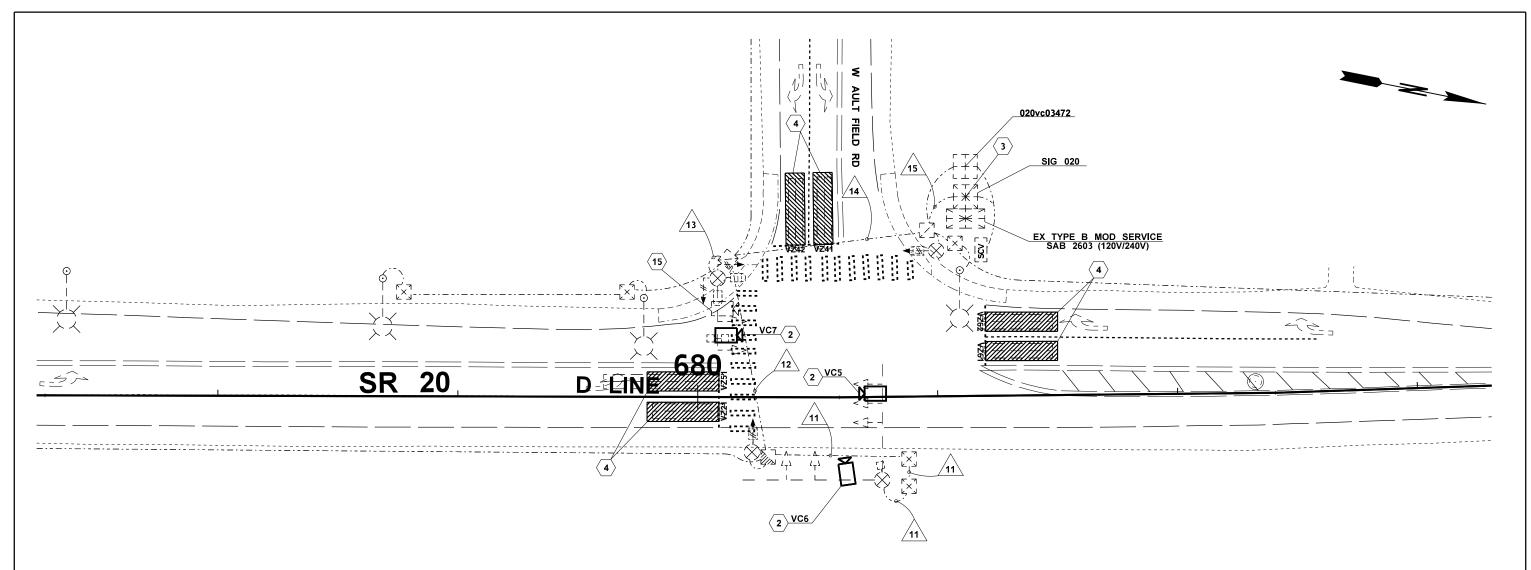
- 1) INSTALL VIDEO DETECTION CAMERA ON EXISTING SIGNAL MAST ARM. SEE DETAIL "A" ON SHEET SGD1. REMOVE VIDEO CAMERA, MOUNTING HARDWARE, AND ASSOCIATED EQUIPMENT AFTER PERMANENT INDUCTION LOOPS ARE OPERATIONAL. DISCONNECT AND REMOVE VIDEO DETECTION CABLE(S),
- (2) INSTALL VIDEO DETECTION CAMERA ON EXISTING SIGNAL MAST ARM. SEE DETAIL "B" ON SHEET SGD1. REMOVE VIDEO CAMERA, MOUNTING HARDWARE, AND ASSOCIATED EQUIPMENT AFTER PERMANENT INDUCTION LOOPS ARE OPERATIONAL. DISCONNECT AND REMOVE VIDEO DETECTION CABLE(S),
- INSTALL VIDEO DETECTION EQUIPMENT INSIDE CONTROLLER CABINET. REMOVE ALL EQUIPMENT AND ASSOCIATED CONDUCTORS AFTER PERMANENT INDUCTION LOOPS ARE OPERATIONAL.
- (4) VIDEO DETECTION ZONE.
- 5 INSTALL TYPE 3 STOP LINE LOOPS INCLUDING STUBOUT(S).
- (6) INSTALL TYPE 3 ADVANCE LOOPS INCLUDING STUBOUT(S).
- (7) ROUTE CONDUIT INTO EXISTING JUNCTION BOX.
- BREAK EXISTING LOOP SPLICES PRIOR TO GRINDING THE PAVEMENT. REMOVE DISCONNECTED LOOP WIRES FROM EXISTING STUBOUT(S). REMOVE STUBOUT CONDUIT ELBOWS FROM JUNCTION BOX AND ABANDON CONDUITS. INSTALL CONDUIT STUBOUT(S) AND SPLICE NEW LOOP WIRES TO THE CORRESPONDING EXISTING 2C(S) CABLES.
- (9) CONSTRUCT CURB BASE FOUNDATION AND INSTALL TYPE PPB POST WITH BREAKAWAY BASE. INSTALL PED APS PUSHBUTTON STATION(S) WITH SIGN ARROW PARALLEL WITH THE ASSOCIATED CROSSWALK. INSTALL PUSHBUTTON STATION(S) WITH THE CENTER OF PUSHBUTTON 42 INCHES ABOVE SIDEWALK.
- 10) CONSTRUCT CURB BASE FOUNDATION AND INSTALL TYPE PS SIGNAL STANDARD WITH SLIP BASE, SEE STANDARD PLAN J-20.11.
 INSTALL PED APS PUSHBUTTON STATION(S) WITH SIGN ARROW PARALLEL WITH THE ASSOCIATED CROSSWALK. INSTALL
 PUSHBUTTON STATION(S) WITH THE CENTER OF PUSHBUTTON 42 INCHES ABOVE SIDEWALK. INSTALL COUNTDOWN
 PEDESTRIAN DISPLAY(S)
- (11) INTERCEPT CONDUIT. CONNECT NEW CONDUIT TO EXISTING AND ROUTE AS SHOWN.
- (12) REMOVE EXISTING PEDESTRIAN DISPLAY(S). INSTALL COUNTDOWN PEDESTRIAN DISPLAY(S).
- (13) REMOVE PED PUSHBUTTON ASSEMBLY(IES), AND PED HEAD(S). FILL THE HOLE(S) PER DETAIL SHEET SGD1.
- (14) ADJUST EXISTING JUNCTION BOX TO BE FLUSH WITH SIDEWALK.
- (15) PROTECT AND PRESERVE EXISTING CCTV CAMERA AND ASSOCIATED EQUIPMENT.
- (16) SPLICE NEW 2C(S) WIRE(S) TO EXISTING LOOP LEAD-INS.
- \langle 17 \rangle remove existing PS standard and foundation. Backfill.
- $\langle 18
 angle$ replace existing junction box type with new junction box and security collar see standard plan j-40.01.
- (19) REMOVE EXISTING TYPE II J-BOX AND INSTALL NEW.
- PEMOVE EXISTING PED PUSHBUTTON ASSEMBLY(IES), AND FILL THE HOLE(S) PER DETAIL SHEET SGD1. INSTALL NEW APS ON EXTENSION SEE DETAIL IN SHEET SG3
- $\langle 21
 angle$ REPLACE EXISTING JUNCTION BOX TYPE 3 WITH NEW JUNCTION BOX TYPE 8.
- $\langle 22 \rangle$ REPLACE EXISTING JUNCTION BOX TYPE 8 WITH NEW JUNCTION BOX TYPE 8.
- 23 PUSHBUTTON SIGN ARROW LEFT.
- 24 PUSHBUTTON SIGN ARROW RIGHT.

ABBREVIATIONS:

ADA	AMERICANS WITH DISABILITY ACT	JBOX	JUNCTION BOX	SIG	SIGNAL
В	BLACK	MAX.	MAXIMUM	SP	SPARE
С	CONDUCTOR	MOD	MODIFIED	SR	STATE ROUTE
CAB	CABINET	NB	NORTH BOUND	SS	STAINLESS STEEL
CCC	CAMERA CONTROL CABLE	NO.	NUMBER	ST	STREET
CCTV	CLOSED CIRCUIT TELEVISION	N.T.S	NOT TO SCALE	STD	STANDARD
COMM	COMMUNICATION	0	ORANGE	ТВ	TERMINAL BLOCK
C(S)	CONDUCTOR SHIELDED	PDA	POWER DISTRIBUTION ASSEMBLY	TYP	TYPICAL
E.V.P	EMERGENCY VEHICLE PREEMPTION	PED	PEDESTRIAN	V	VOLT
EX	EXISTING	PPB	PEDESTRIAN PUSHBUTTON	VC	VIDEO DETECTION CAMERA
FT	FEET	PR	PAIR	VEH	VEHICLE
ILL	ILLUMINATION	P/V	PEDESTRIAN/ VEHICLE	VIC	VICINITY
ITS	INTELLIGENT TRANSPORTATION SYSTEM	RD	ROAD	VZ	VIDEO ZONE

FILE NAME	T:\414124\ELECTRICAL\Projec	ts\SR020\XL5379_Boon RD-Ault FleId RD\L5379_SP_SG_SIg	gnal 001.dgn		_	HILL				Plot 1
TIME	3:12:41 PM			REGION STATE	FED.AID PROJ.NO.	SIL OF WASHING			SR 20	PLAN REF NO
DATE	2/7/2023			10 WASH	1	LE CANDO				SGN1
PLOTTED BY	RothSo			10 WASI] -				BOON RD VIC TO AULT FIELD RD VIC	00.11
DESIGNED BY	S. ROTH			JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	S. ROTH			22A046		O I STERNING		, J		47
CHECKED BY	E. HAVENS			CONTRACT NO.	LOCATION NO.	SEE CTA		Department of Transportation		OF
PROJ. ENGR.	S. BEIER					SEE CT1	DATE		SIGNAL NOTES	91 SHEETS
REGIONAL ADM	R NIFLSEN	REVISION	DATE F	RY	1	DE STAMP BOY	DE STAMP POY			SIIEE 18





_												
		WIRING	3 SCHI	EDULE	Ξ	SERVICE NO. SAB 2603						
NO.	CONDUIT SIZE	P / V DETECT 2C(S)	E.V.P DETECT 3C(S)	VEH HEAD 5C	PED HEAD 5C	PED HEAD 7C	POWER #8	POWER #6	CAMERA CABLE CCC	ITS CABLE CAT 6	VIDEO CAMERA CABLE	
11	EX 2½"		EX 1	EX 3							2	
12	EX 3"	EX 5	EX 1	EX 3	EX 1							
	EX 2"										2	
13	EX 2½"	EX 2	EX 1	EX 1		EX 1			EX 1		1	
	EX 2½"	EX 4	EX 1		EX 1	EX 1						
14	EX 3½"	EX 7	EX 1	EX 4					EX 1			
14	EX 11/4"						EX 1					
	EX 2"										1	
	EX 21/2"	EX 4	EX 1	EX 1		EX 1						
15	EX 3½"	EX 12	EX 1	EX 4	EX 1							
	EX 2"										3	

NOTE:

FOR LEGEND, ABBREVIATION LIST, AND CONSTRUCTION NOTES SEE SHEET SGN1

0 20 40 SCALE IN FEET

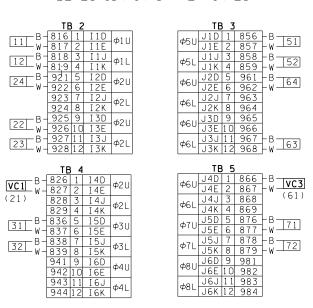
TEMPORARY TRAFFIC SIGNAL SYSTEM SAB 2603

FILE NAME	T:\414124\ELECTRICAL\Projec	ts\SR020\XL5379_Boon RD-Ault FleId RD\L5379_SP_SG_SI	lgnal 001.dgi	n			NULL HUV				Plot 3	╝
TIME	3:12:45 PM				REGION STATE	FED.AID PROJ.NO.	OF WASHING			SR 20	PLAN REF NO	1
DATE	2/7/2023				10 WASH		1 College College				TVD2	
PLOTTED BY	RothSo				IU WASH	-				BOON RD VIC TO AULT FIELD RD VIC	1 4 5 2	
DESIGNED BY	S. ROTH				JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET	1
ENTERED BY	S. ROTH				22A046		O POISTER CO		1		49	ı
CHECKED BY	E. HAVENS				CONTRACT NO.	LOCATION NO.	OF ONAL EN		Department of Transportation		OF	ı
PROJ. ENGR.	S. BEIER						SEE CT1	DATE	-	TEMPORARY VIDEO DETECTION PLAN	91	
REGIONAL ADM.	. B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SILETO	ı

CABINET WIRE TERMINATIONS

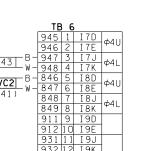
DETECTION INPUT TERMINALS

NE 16TH AVE



DETECTION INPUT TERMINALS

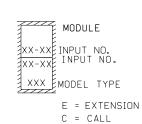
REGIONAL ADM. B. NIELSEN



	TE	3 7		
φ8U	ĺ			
Ψδυ	J7E	2	986	
Ф81	J7J	3	987	B T83
Ψ8L	J7K	4	988	- M -1021
4011	J8D	5	886	B VC4
Ф8U	J8E	6	887	W (81)
401	J8J	7	888	(81)
Ф8L	J8K	8	889	
	J9D	9	951	
	J9E	10	952	
	J9J	11	971	
	J9K	12	972]

	1	2	3 4	5 6	7 8	9	10	1 1	12	13	1 4
	\1E,C	\2E,C	\2C,\5C	\3E,C\4E,C	\4C,\7C	\1E,C			\2P	\6P	FLH
U											
	1,		VC1	31 # 44	VC2						
Ι	12	24 7	(VZ51) (VZ21)	31 44 32 45	(VZ71) (VZ41)				28,29 48,49		
	EX	FX H	(VZ22)	EX H EX	1 (\(\sqrt{241} \)	EX				a i a	
L	2								EX	EX	
	\1E,C		\2C,\5C	\3E,C\4E,C		\3E,C			\4P	\8P	ST
	\5E,C	\6E,C	\1C,\6C	\7E,C\8E,C	\3C,\8C	\5E,C			EVA	EVB	RR1
U											
	51	64	VC3	71 84	VC4					В	
J	52	65	(VZ11) (VZ61)	72 85	(VZ31) (VZ81)				Ĉ		
	EX	FX III	(7201 /	EX EX	1 (1201)	EX					
L					<u> </u>				EX	EX	
	\5E,C	\6E,C	\1C,\6C	\7E,C \8E,C	\3C,\8C	\7E,C			EVC	EVD	RR2

INPUT FILE LAYOUT- PROGRAM MAXTIME



NOTE:

DISCONNECT VIDEO DETECTION CABLES AND VIDEO IMAGE PROCESSORS AFTER PAVING IS FINISHED. RECONNECT LOOP CABLES (2C(S)). RETURN ALL VIDEO EQUIPMENT TO CONTRACTING AGENCY PER SPECIAL

CABINET WIRE TERMINATIONS AULT FIELD RD

INPUT FILE LAYOUT - PROGRAM MAXTIME

TB 2 816 1 ΙΙΙΟ Φ1U	TB 3	
817 2 I1E Φ10 818 3 I1J 81;9 4 I1K Φ1L	φ5U J1E 2 857 φ5L J1J 3 858 μ5L J1K 4 859	
$\begin{bmatrix} 24 \\ W \end{bmatrix} = \begin{bmatrix} 921 & 5 & 12D \\ 922 & 6 & 12E \end{bmatrix} \phi 2U$	φ6U J2D 5 961 -B 64 J2E 6 962 -W 64	TB 6
23 B - 923 7 I2J W - 924 8 I2K 925 9 I3D Φ2U	φ6L J2J 7 963 B 63 W 63	946 2 I7E Ф4U
926 10 13E 92711 13J 92812 13K	φ6U J3E 10 966 φ6L J3J 11 967 - B 62	VC6 B - 846 5 I8D Ф4U
TB_4	TB 5	848 7 I8J 849 8 I8K Φ4L
VC5 B 826 1 14D φ2U 827 2 14E φ2U 828 3 14J 42	φ6U J4D 1 866 B VC7	911 9 19D 912 10 19E 931 11 19J
829 4 I4K ^{PZL} 836 5 I5D _{P311}	^{Φ6L} J4K 4 869 Φ7U J5D 5 876	932 12 19к
837 6 I5E ^{φ30} 838 7 I5J _{φ3} L 839 8 I5K φ3L	φ7L J5E 6 877 φ7L J5J 7 878 μ5K 8 879	
941 9 I6D 942 10 I6E \$\phi 44U\$	Φ8U J6D 9 981 J6E 10 982	NOTE:
43A,B W- 943 11 16J P4L	φ8L J6J 11 983 J6K 12 984	AFTER PAVING IS FINISHEE RETURN ALL VIDEO EQUIPME

	1	2	3	4	5	6	7	8	9	10	1 1	12	13	1 4
	\1E,C	\2E,C	\2C,	\51C	\	4C	\4E,C	\4C	\1E,C			\2P	\6P	FLH
U	11	24	V (VZ	C5	11	C6 Z41)							68,69	
1	12 EX	25	(VZ	21)		742)						48,49 EX	EX	
_	\1E,C	\2E,C	\2C,	\51C	\	4C	\4E	\4C	\3E,C			\4P	\8P	ST
	\5E,C	\6E,C	16	5C	\7E,C	\8E,0	\8E,C	\8C	\5E,C			EVA	EVB	RR1
U	5 <u>1</u> 52	64 65	V (71	81						А	В	
L	52 EX	65 EX			-(1 72 EX	82 EX						EX	EX	
	\5E,C	\6E,C	\(SC .	\7E,C	\8E,0	\8E	\8C	\7E,C			EVC	EVD	RR2

MODULE
XX-XX INPUT NO. XX-XX INPUT NO.
XXX MODEL TYPE
E = EXTENSION C = CALL

DISCONNECT VIDEO DETECTION CABLES AND VIDEO IMAGE PROCESSORS AFTER PAVING IS FINISHED. RECONNECT LOOP CABLES (2C(S)). RETURN ALL VIDEO EQUIPMENT TO CONTRACTING AGENCY PER SPECIAL PROVISIONS.

FILE NAME	T:\414124\ELECTRICAL\Projec	cts\SR020\XL5379_Boon RD-Ault FleId RD\L5379_SP_SG_S	Signal 001.dgn				
TIME	3:12:47 PM			REGION NO.	STATE	FED.AID PROJ.NO.	ן יי
DATE	2/7/2023				WASH		11/
PLOTTED BY	RothSo			יי ך	WASH	-	117
DESIGNED BY	S. ROTH				NUMBER		1
ENTERED BY	S. ROTH			│ 22A	046		1 1
CHECKED BY	E. HAVENS			CONTI	RACT NO.	LOCATION NO.	١,
PROJ. ENGR.	S. BEIER						1

REVISION

DATE BY

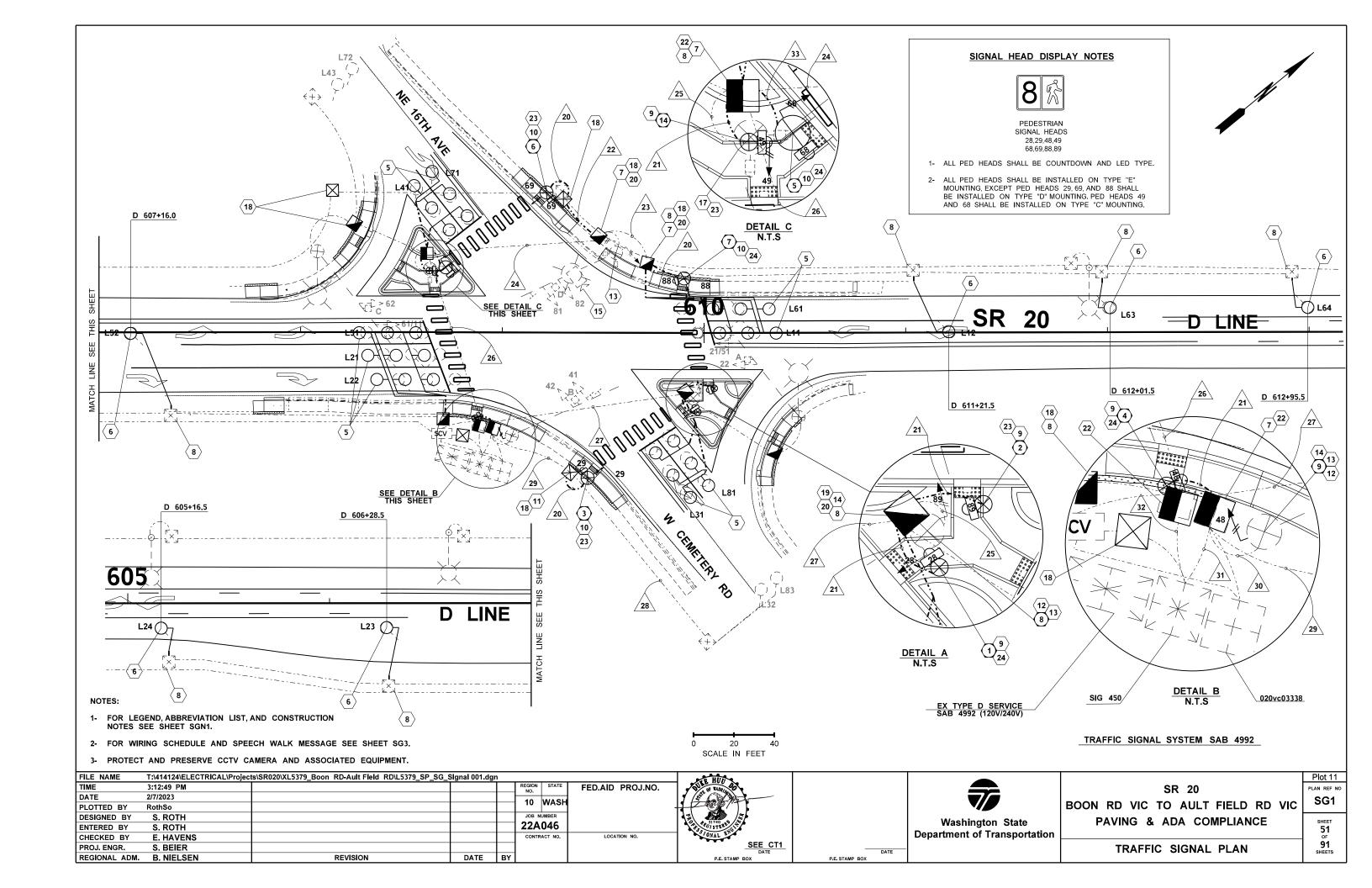


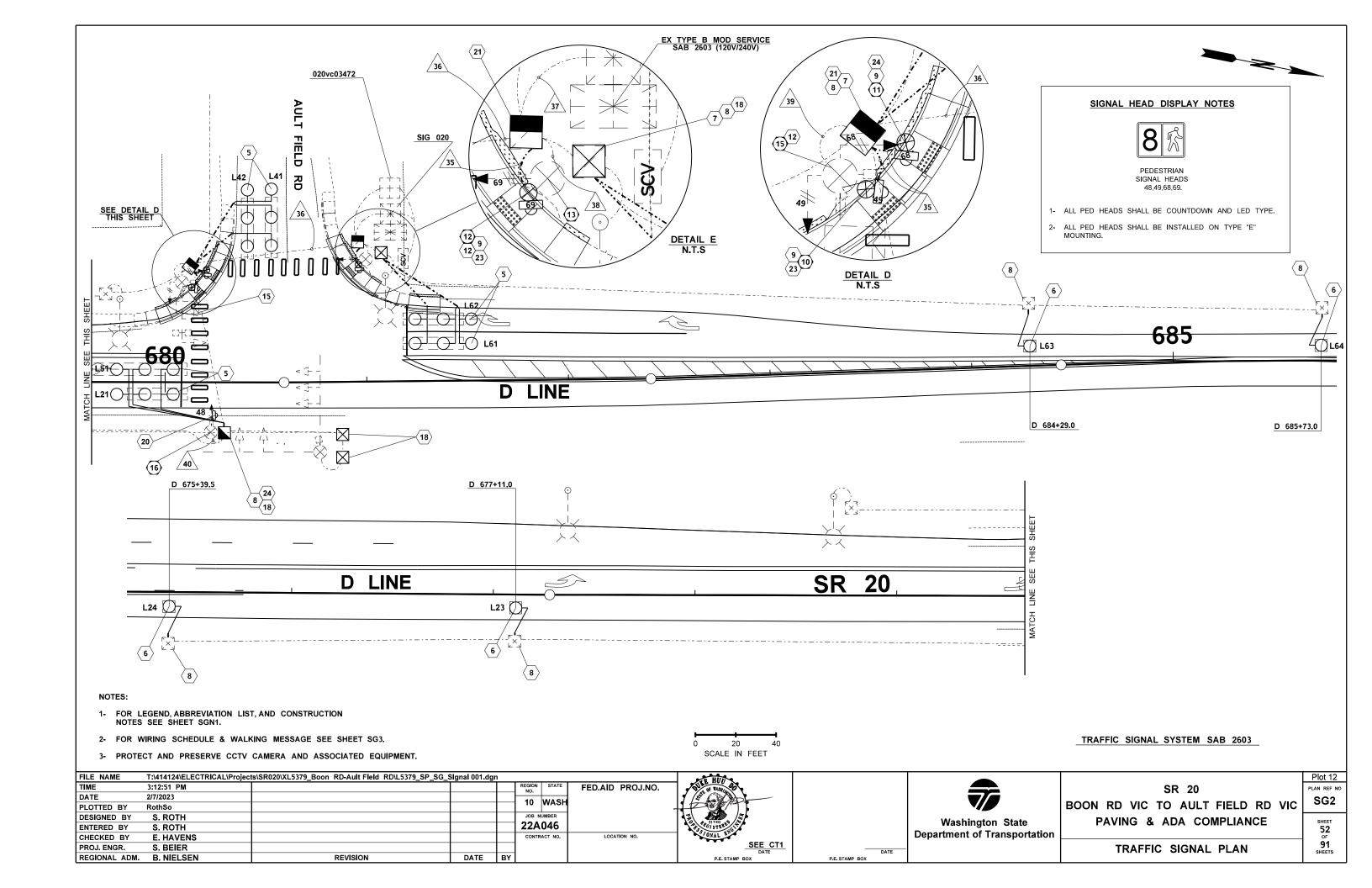


	Plot 4
SR 20 BOON RD VIC TO AULT FIELD RD VIC	TVD3
PAVING & ADA COMPLIANCE	sнеет 50

TEMPORARY VIDEO DETECTION PLAN

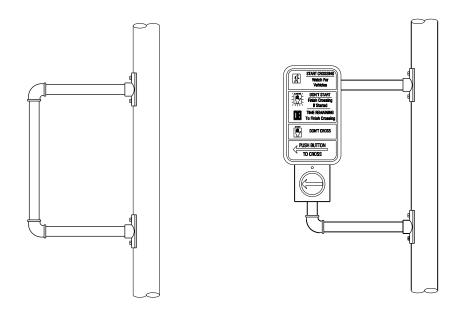
50
91 SHEETS





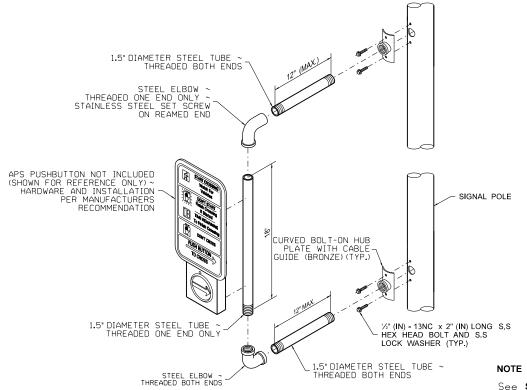
	WIRING SCHEDULE SERVICE NO. SAB 2603									
NO.	CONDUIT SIZE	P / V DETECT 2C(S)	E.V.P DETECT 3C(S)	VEH HEAD 5C	APS 4C	PED HEAD 5C	PED HEAD 7C	POWER #8	CAMERA CABLE CCC	REMARKS
35	11/4"	1			1					
	EX 21/2"	2 , EX 2	EX 1	EX 1		EX 1	EX 1			
36	EX 3½"	EX 7	EX 1	EX 3	EX 1				EX 1	
50	EX 11/4"					EX 2		EX 2		
	EX 2"									EMPTY
	EX 21/2"	2 , EX 2	EX 1	EX 1			EX 1			
37	EX 21/2"	EX 12	EX 1	EX 4	EX 1					
"	EX 2"									EMPTY
	EX 2"									EMPTY
38	EX 11/4"				1	1				
39	EX 2"		EX 1	EX 1	2		EX 1		EX 1	
40	EX 1½"			EX 1	1					

V	WIRING SCHEDULE SERVICE NO. SAB 4992									
NO.	CONDUIT SIZE	P / V DETECT 2C(S)	E.V.P DETECT 3C(S)	PED HEAD 5C	APS 4C	PED HEAD 5C	VEH HEAD 10C	POWER #8	ccc	REMARKS
20	11/2"	1		1						
21	11/4"	1			1					
22	2"	1		1						
23	EX 2"	1 , EX 5		1						
24	EX 3"	2 , EX 5	EX 1	2			EX 1	EX 2		
24	EX 2"								EX 1	
25	EX 1½"				2	EX 1				
		2 , EX 10								
26	EX 3"		EX 2	2		EX 1	EX 2	EX 2		
	EX 2"								EX 1	
27	EX 3"	2 , EX 2	EX 1			EX 1	EX 1	EX 2		
	EX 2"									EMPTY
28	EX 11/4"	EX 2								
29	EX 11/4"	3		1						
30	EX 21/2"		EX 1	1	1		EX 1			
31	EX 3"	6 , EX 2	EX 2	2		EX 1	EX 1			
	EX 2"									EMPTY
		2 , EX 17								
32	EX 3"		EX 2	2		EX 1	EX 2			
\Box	EX 2"									EMPTY
33	1½"	2		2	1					
$ldsymbol{le}}}}}}}}}$										



ELEVATION VIEW

ELEVATION VIEW WITH APS INSTALLED



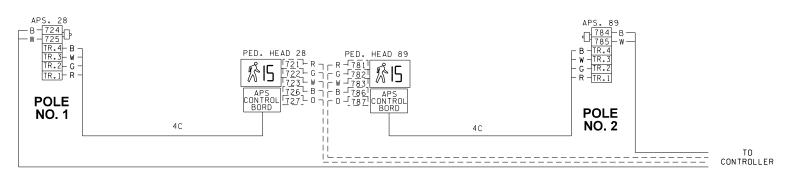
EXPLODED VIEW

See Standard Specification Section 9-29.17 for additional material requirements, including painting of all pipes, elbows, and hub plates.

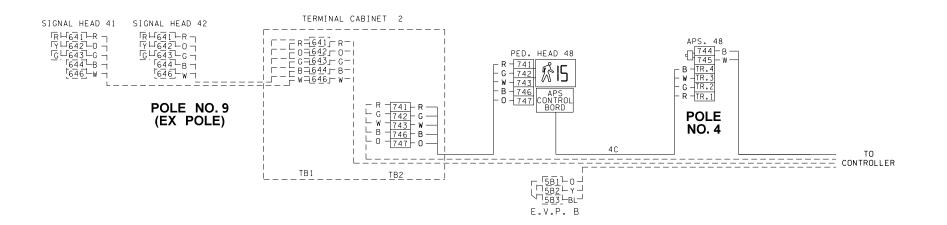
APS PPB EXTENSION DETAIL

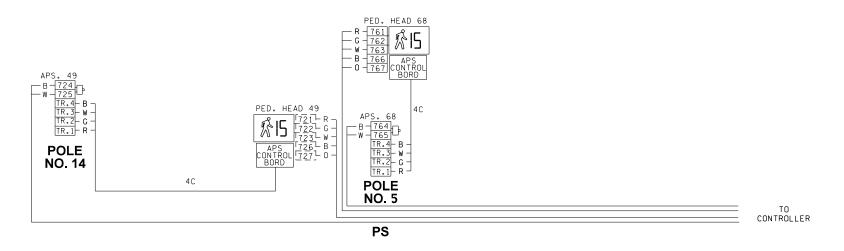
FILE NAME	T:\414124\ELECTRICAL\Project	ts\SR020\XL5379_Boon RD-Ault FleId RD\L5379_SP_SG_SI	lgnal 001.dg	n			N HILL				Plot 13
TIME	3:12:53 PM				REGION STATE	FED.AID PROJ.NO.	Si of Wash Ab			SR 20	PLAN REF NO
DATE	2/7/2023				10 WASH						. sg3
PLOTTED BY	RothSo				IU WASH	-				BOON RD VIC TO AULT FIELD RD VIC	. [005]
DESIGNED BY	S. ROTH				JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	S. ROTH				22A046		J COISTER OF		3		53
CHECKED BY	E. HAVENS				CONTRACT NO.	LOCATION NO.	JONAL W		Department of Transportation		OF_
PROJ. ENGR.	S. BEIER						SEE CT1	DATE	-	TRAFFIC SIGNAL PLAN	91 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			SHEETS

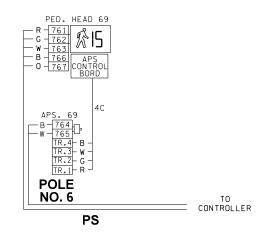
FIELD WIRE TERMINATIONS NE 16TH AVE (W CEMETERY RD)

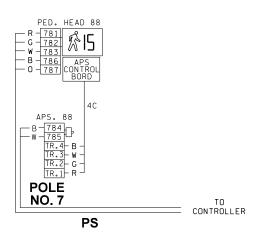


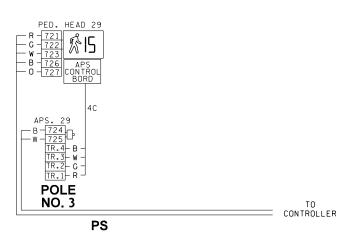
POLE NO. 8 (EX PS POLE)











FILE NAME	T:\414124\ELECTRICAL\Project	ts\SR020\XL5379_Boon	Signal 001.dgr	1				
TIME	3:12:54 PM				REGION NO.	STATE	FED.AID PROJ.NO.	1
DATE	2/7/2023					WASH		L
PLOTTED BY	RothSo				10	WASH		ł,
DESIGNED BY	S. ROTH					IUMBER		ŀ
ENTERED BY	S. ROTH				22A	046		
CHECKED BY	E. HAVENS				CONTR	RACT NO.	LOCATION NO.	1
PROJ. ENGR.	S. BEIER							ı
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				



7
Washington State Department of Transportation

DATE

	Plot 14
SR 20	PLAN REF NO
	SG4
BOON RD VIC TO AULT FIELD RD VIC	
PAVING & ADA COMPLIANCE	SHEET
I AVIIVO & ADA COMI LIANCE	54
	OF
TRAFFIC SIGNAL PLAN	91
1	SHEETS

SHEET

54

OF

91

SHEETS

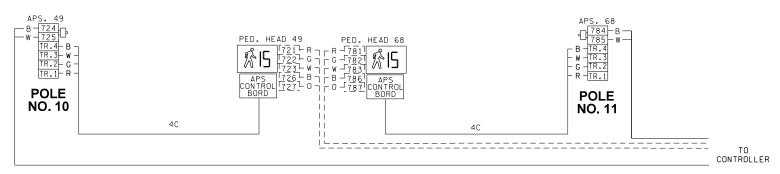
PPB STATION	VOICE TO WALK MESSAGE SCHEDULE
28	WEST CEMETERY ROAD WALK SIGN IS ON TO CROSS WEST CEMETERY ROAD.
29	WEST CEMETERY ROAD. WALK SIGN IS ON TO CROSS WEST CEMETERY ROAD.
48	STATE ROUTE TWENTY. WALK SIGN IS ON TO CROSS STATE ROUTE TWENTY.
49	STATE ROUTE TWENTY WALK SIGN IS ON TO CROSS STATE ROUTE TWENTY.
68	NORTHEAST SIXTEENTH AVENUE. WALK SIGN IS ON TO CROSS NORTHEAST SIXTEENTH AVENUE.
69	NORTHEAST SIXTEENTH AVENUE. WALK SIGN IS ON TO CROSS NORTHEAST SIXTEENTH AVENUE.
88	STATE ROUTE TWENTY. WALK SIGN IS ON TO CROSS STATE ROUTE TWENTY.
89	STATE ROUTE TWENTY. WALK SIGN IS ON TO CROSS STATE ROUTE TWENTY.
48	STATE ROUTE TWENTY WALK SIGN IS ON TO CROSS STATE ROUTE TWENTY.

SR 20/NE 16TH AVE (W CEMETERY RD)

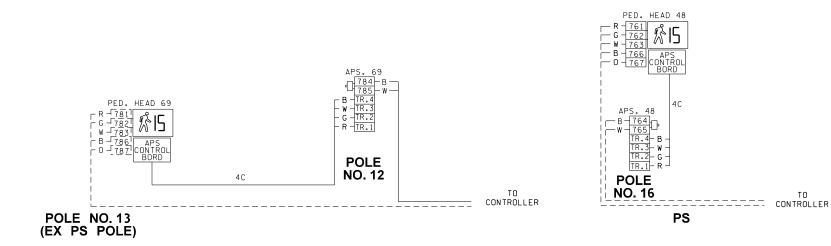
PPB STATION	VOICE TO WALK MESSAGE SCHEDULE
69	AULT FIELD ROAD WALK SIGN IS ON TO CROSS AULT FIELD ROAD.
68	AULT FIELD ROAD WALK SIGN IS ON TO CROSS AULT FIELD ROAD.
49	STATE ROUTE TWENTY. WALK SIGN IS ON TO CROSS STATE ROUTE TWENTY.
48	STATE ROUTE TWENTY WALK SIGN IS ON TO CROSS STATE ROUTE TWENTY.

SR 20/AULT FIELD RD

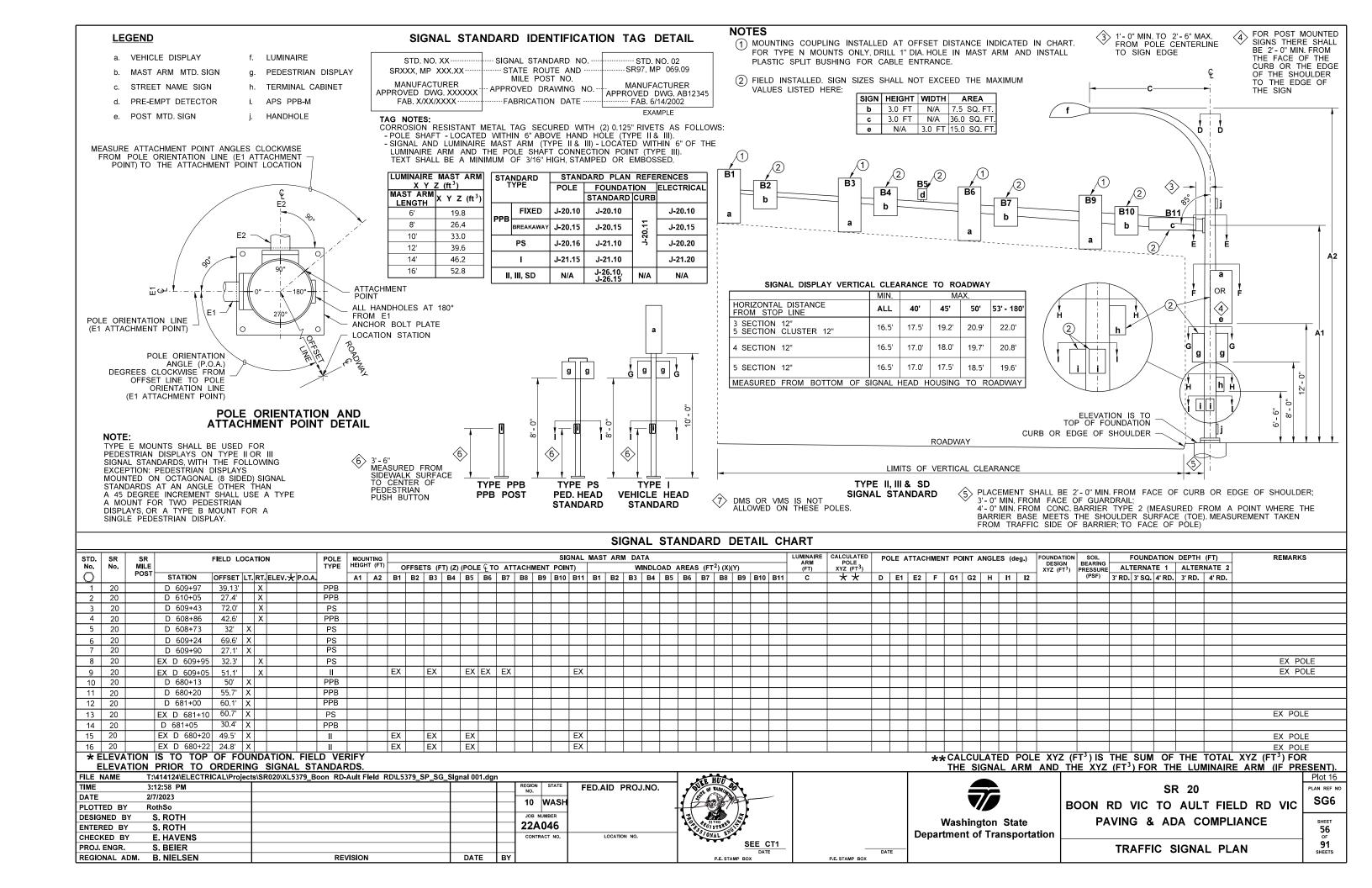
FIELD WIRE TERMINATIONS W AULT FIELD RD

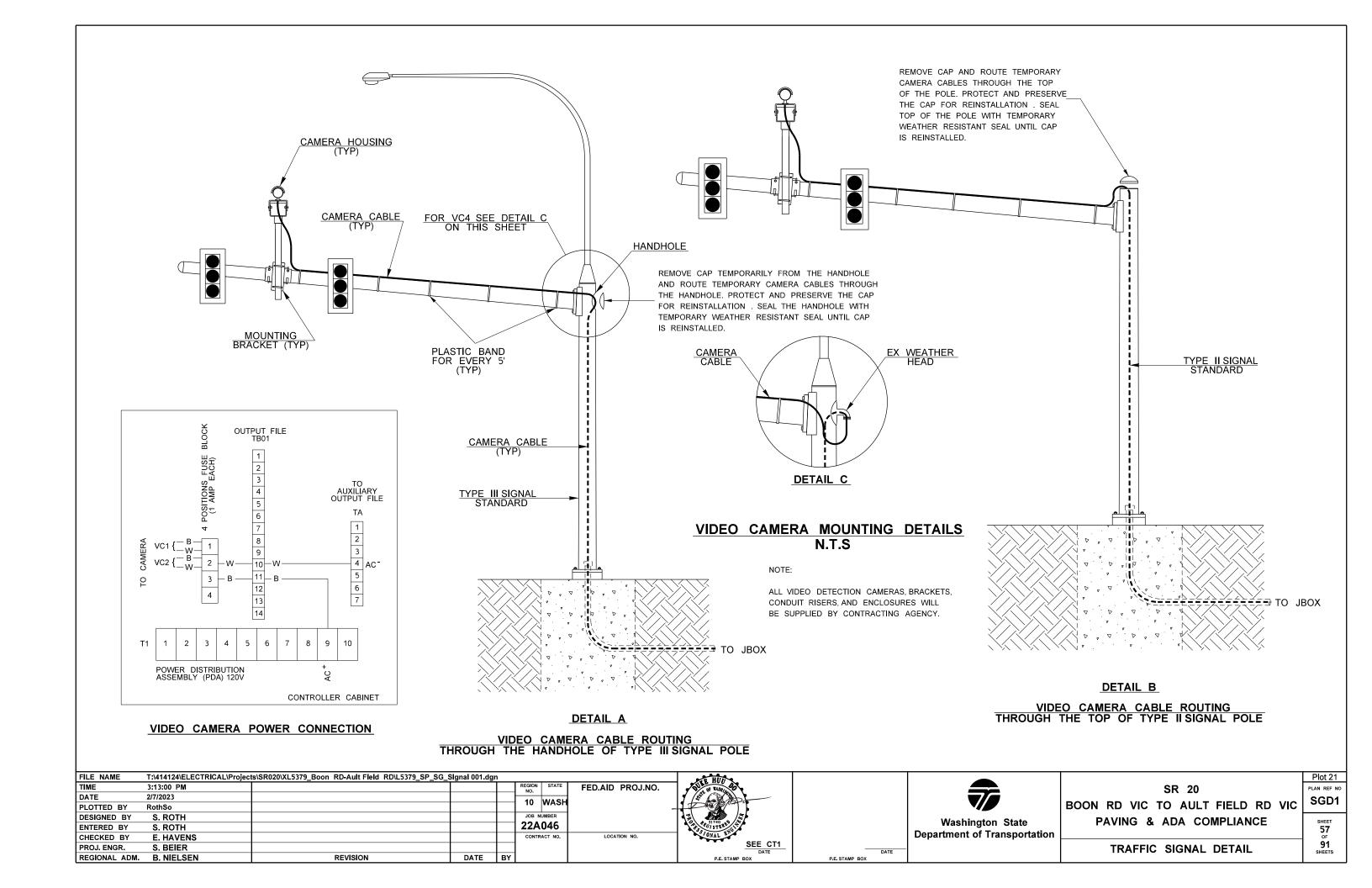


POLE NO. 15 (EX TYPE II SIGNAL POLE)



FILE NAME	T:\414124\ELECTRICAL\Projec	ts\SR020\XL5379_Boon RD-Ault FleId RD\L5379_SP_SG_S	ilgnal 001.dg	jn			<u>ه</u> هيو	1111				Plot 15
TIME	3:12:56 PM				REGION STATE	FED.AID PROJ.NO.	ANTE OF	WASH AL			SR 20	PLAN REF NO
DATE	2/7/2023				10 WASH		of Carry Page	NADA-				SG5
PLOTTED BY	RothSo				I IU WASH	-	HP				BOON RD VIC TO AULT FIELD RD VIC	503
DESIGNED BY	S. ROTH				JOB NUMBER					Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	S. ROTH				22A046		13/001	STERE		J		55
CHECKED BY	E. HAVENS				CONTRACT NO.	LOCATION NO.	3/0N	AL ES		Department of Transportation		OF
PROJ. ENGR.	S. BEIER							SEE CT1	DATE		TRAFFIC SIGNAL PLAN	91 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY				P.E. STAMP BOX	P.E. STAMP BOX			SILLIS





REPAIR PROCEDURE - BOLT HOLE SIZE 1/2" (IN) DIAMETER OR LESS ~ PIPE TRADE SIZE 1/2" (IN) OR LESS

EXISTING

EXISTING

3/8" (IN) HOLE

3/8" (IN) SS BOLT

EXISTING HOLE ~

1/2" (IN) OR LESS

PIPE THREAD SIZE

1/2" (IN) HOT-DIPPED GALVANIZED HEX SOCKET PIPE PLUG

WITH SHANK

STANDARD

REPAIR PROCEDURE - MAXIMUM HOLE SIZE 3" (IN) DIAMETER OR LESS

FOR UNC OR UNF THREADS:

- APPLY SILICONE CAULK TO THREADS OF SS BOLT WITH SHANK.
- TIGHTEN SS BOLT UNTIL SHANK IS TIGHT AGAINST STANDARD.
- CUT OFF SS BOLT EVEN WITH STANDARD.
- FILE SS BOLT TO MATCH CONTOUR OF STANDARD.
- TREAT SS BOLT AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF STANDARD SPECIFICATION 9-08.1(2).
- APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT.

0

ISOMETRIC VIEW

FOR NATIONAL PIPE THREADS:

EXAMPLE OF PEDESTRIAN

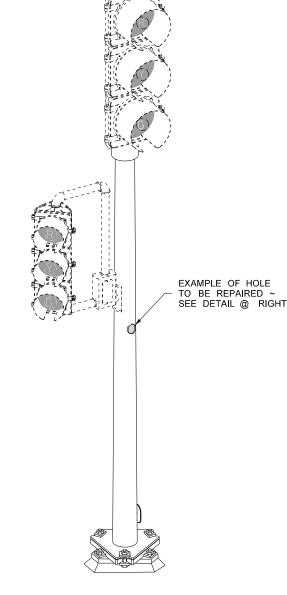
TO BE REPAIRED ~ SEE

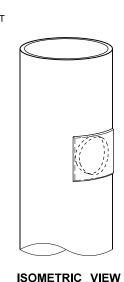
DETAIL @ LEFT

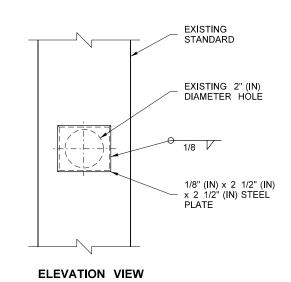
PUSHBUTTON (PPB) HOLE(S)

- APPLY SILICONE CAULK TO THREADS OF HOT-DIPPED GALVANIZED HEX SOCKET PIPE PLUG.
- TIGHTEN PLUG UNTIL FLUSH WITH STANDARD.
- FILE PLUG TO MATCH CONTOUR OF STANDARD.
- FILL HEX SOCKET WITH PAINTABLE SILICONE CAULK.
- TREAT PLUG AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF STANDARD SPECIFICATION 9-08 1(2)
- APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT.

- SUBMITTAL PER STANDARD SPECIFICATION 6-03.3(25).
- MAXIMUM HOLE SIZE 3" (IN) OR LESS IN DIAMETER.
- 1/8" (IN) STEEL PLATE TYPE ASTM A 36 ELECTRODE TYPE XX-70.
- THE PLATE SHALL BE 1/2" (IN) LARGER THAN THE DIAMETER OF THE HOLE TO BE REPAIRED (1/4" (IN) OVERLAP ALL SIDES).
- TACK WELD PLATE TO POLE.
- SHAPE PLATE TO MATCH TAPER AND CURVE OF POLE.
- 1/8" (IN) FILLET WELD ALL AROUND.
- CHAMFER (GRIND) EDGE OF PLATE SMOOTH. REMOVE ALL BURRS AND SHARP EDGES.
- TREAT PATCH PLATE AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF STANDARD SPECIFICATION 9-08.1(2).
- APPLY TWO COATS PAINT SHALL BE DRY PRIOR TO APPLYING SECOND COAT.







Plot 22

SGD2

58

91

HOLE REPAIR DETAIL

PUNCH ~ TO DEFORM PLUG ~ (4) PLACES

SO PLUG WILL NOT

ROTATE

ELEVATION VIEW

EXAMPLE OF REPAIR FROM PPB LOCATION \sim 1/2" (IN) DIAMETER AND 3/8" (IN) DIAMETER HOLES SHOWN

ELEVATION

(TYPE III SIGNAL STANDARD SHOWN)

PERSPECTIVE VIEW

(RAMP METER SIGNAL STANDARD WITH SLIP BASE SHOWN)

DATE

HOLE REPAIR DETAIL

EXAMPLE WITH 2" (IN) DIAMETER HOLE SHOWN

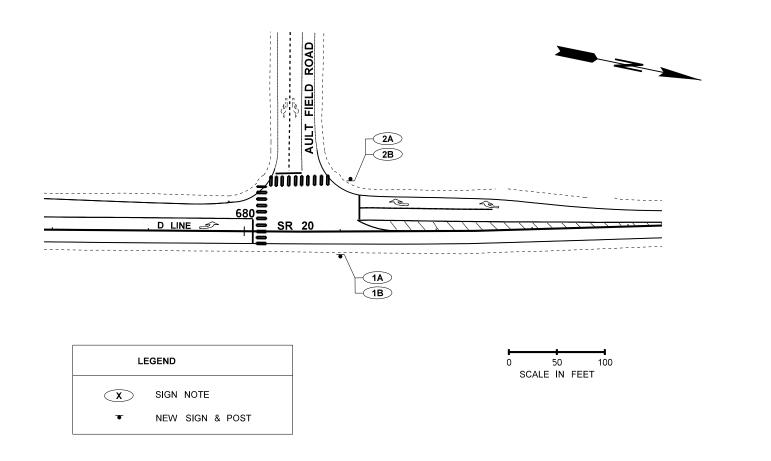
FILE NAME	T:\414124\ELECTRICAL\Project	ts\SR020\XL5379_Boon RD-Ault Fleld RD\L5379_SP_SG_	Signal 001.dgı	1			
TIME	3:13:01 PM				REGION NO.	STATE	FED.AID PROJ.NO.
DATE	2/7/2023				10	WASH	
PLOTTED BY	RothSo				١ ''	WASH	-
DESIGNED BY	S. ROTH					IUMBER	
ENTERED BY	S. ROTH				22A	046	
CHECKED BY	E. HAVENS				CONTR	RACT NO.	LOCATION NO.
PROJ. ENGR.	S. BEIER						
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			





SR 20 BOON RD VIC TO AULT FIELD RD VIC PAVING & ADA COMPLIANCE

TRAFFIC SIGNAL DETAIL



SIGN SPECIFICATIONS

SIGN NO.	SIGN	SIGN DESCRIPTION	SIA I ()(: SIA I ()(:		l	CLEA	RANCE									
INO.	CODE	DESCRIPTION		X	Υ	TYPE	OR CODE	MATERIAL	SIZE	H1	H2	Н3	H4	V	W	REMARKS
1A	R9-3A	NO PEDESTRIANS	D681+00 RT.	18"	18"	III OR IV	STANDARD	STEEL	2.5" SQ.	10'				8'	CN2	SIGN FACES SR 20
1B	R9-3BR	USE CROSSWALK>	"	18"	12"	III OR IV	STANDARD							7'		INSTALL BELOW SIGN NO. 1A
2A	R9-3A	NO PEDESTRIANS	D681+10 LT.	18"	18"	III OR IV	STANDARD	STEEL	2.5" SQ.	10'				8'	CN2	SIGN FACES SR 20
2B	R9-3BL	<- USE CROSSWALK	11	18"	12"	III OR IV	STANDARD							7'		INSTALL BELOW SIGN NO. 2A

CONSTRUCTION NOTES (CN):

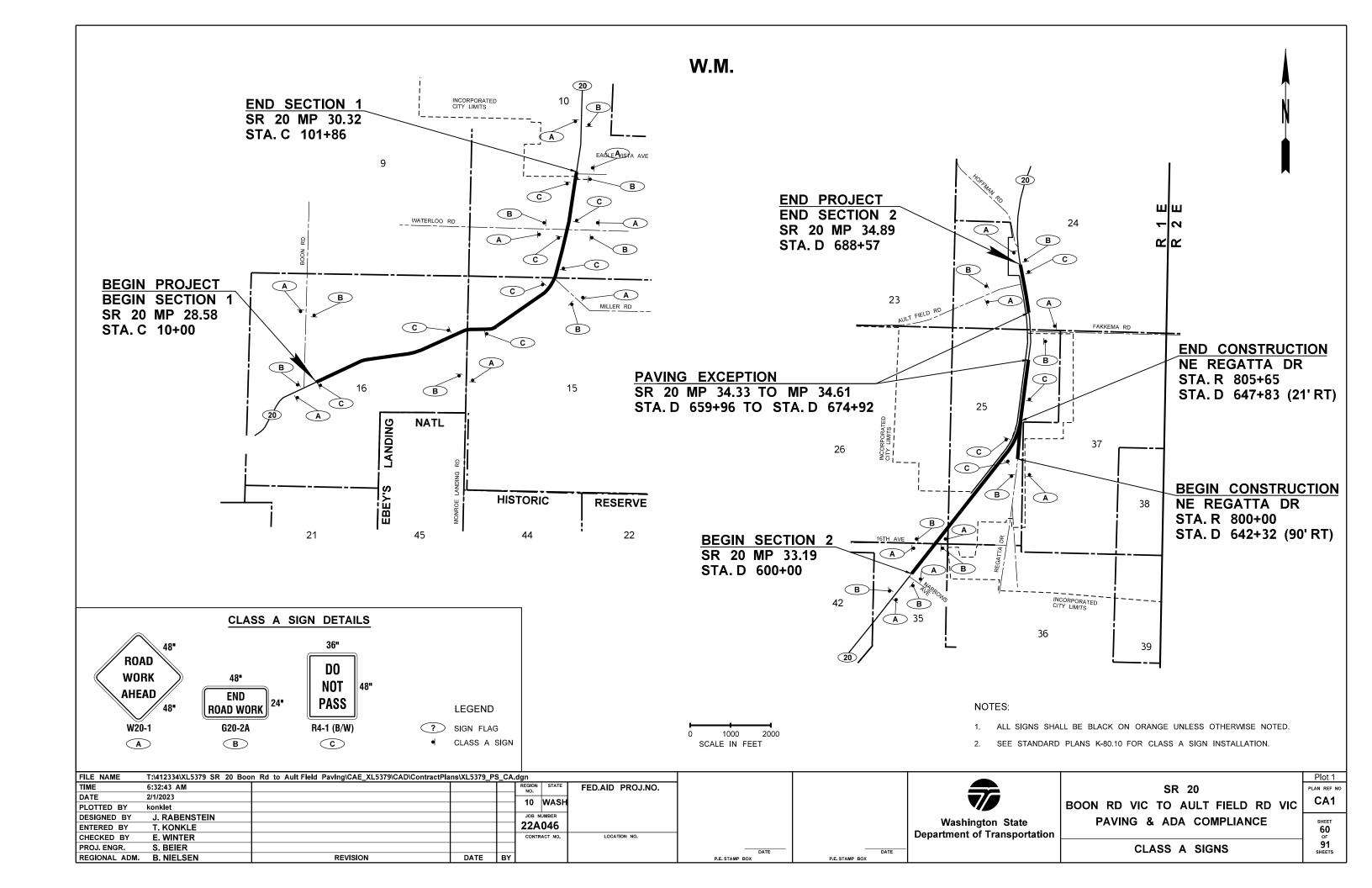
- 1. LOCATION TO BE STAKED BY ENGINEER
- 2. EDGE/FACE OF SIGN SHALL BE OFFSET A MINIMUM OF 6'FROM EDGE OF SHOULDER

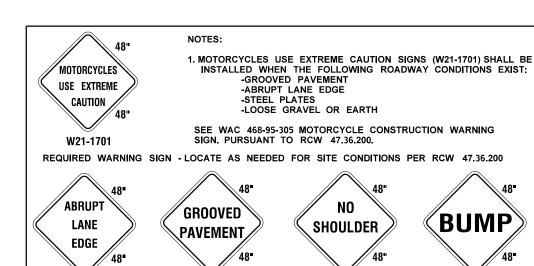
GENERAL NOTES:

POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
FOR MOUNTING DETAILS SEE STANDARD PLAN SERIES "G".

FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL. HTTP://WWW.WSDOT.WA.GOV/PUBLICATIONS/MANUALS/M55-05.HTM
ALL 2.5" SQ POSTS SHALL BE 12 GAGE PERFORATED STEEL TUBE (PSST) AND SHALL HAVE TYPE ST-4 SUPPORTS. SEE STANDARD PLAN G-24.50, TYPE ST-4 FOR INSTALLATION REFERENCE.

FILE NAME	T:\412334\XL5379 SR 20 Boo	n Rd to Ault Fleld Paving\CAE_XL5379\CAD\ContractPla	ins\XL5379_P	S_SN.dgn						Plot 1
TIME	4:36:50 PM			REGION STATE	FED.AID PROJ.NO.	SINCER T. ME			SR 20	PLAN REF NO
DATE	1/31/2023			10 WASH		A STATE OF THE PARTY OF THE PAR]	S1
PLOTTED BY	konklet			IU WASH		Somo Table			BOON RD VIC TO AULT FIELD RD VIC	
DESIGNED BY	J. RABENSTEIN			JOB NUMBER				Washington State	PAVING & ADA COMPLIANCE	SHEET
ENTERED BY	R. ANTOS			22A046		02 36005 RP		J		59
CHECKED BY	E. WINTER			CONTRACT NO.	LOCATION NO.	35/ONAL BNG		Department of Transportation		_ OF
PROJ. ENGR.	S. BEIER					SEE CT1	- DATE		SIGNING PLAN	91 SHEETS
REGIONAL ADM	R NIFI SEN	REVISION	DATE	RV		DE STAND DOX	DE STAMP POY			JILLE 18





MOTORCYCLE WARNING SIGN (W21-1701) SHOULD BE INSTALLED AT 1 MILE SPACING, THROUGHOUT THE WORK ZONE WHERE THE CONDITION EXISTS, AS PART OF A SEQUENCE OF OTHER APPROPRIATE STANDARD WARNING SIGNS, ALSO ON 1 MILE SPACING.

W8-1801

SR 20

REVISION

W8-1

BY

DATE

ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE SPECIFIED

W8-2001

W21-801

REGIONAL ADM. B. NIELSEN

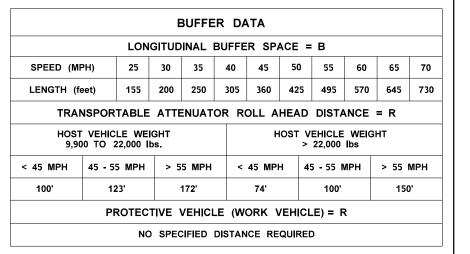
WARNING SIGNS

	MINIM	IUM S	HOUL	DER T	APER	LENG	TH =	L/3 (fe	et)				
SHOULDER	Posted Speed (mph)												
WIDTH (feet)	25	30	35	40	45	50	55	60	65	70			
8	40	40	60	90	120	130	150	160	170	190			
10	40	60	90	90	150	170	190	200	220	240			
USE A MINIMUM 4 DEVICES TAPER FOR SHOULDER LESS THAN 8'.													

SIGN SPACI	NG = X	
FREEWAYS & EXPRESSWAYS	60 / 70 MPH	1500'± (OR AS PER MUTCD)
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LES	S 100' ± (2)

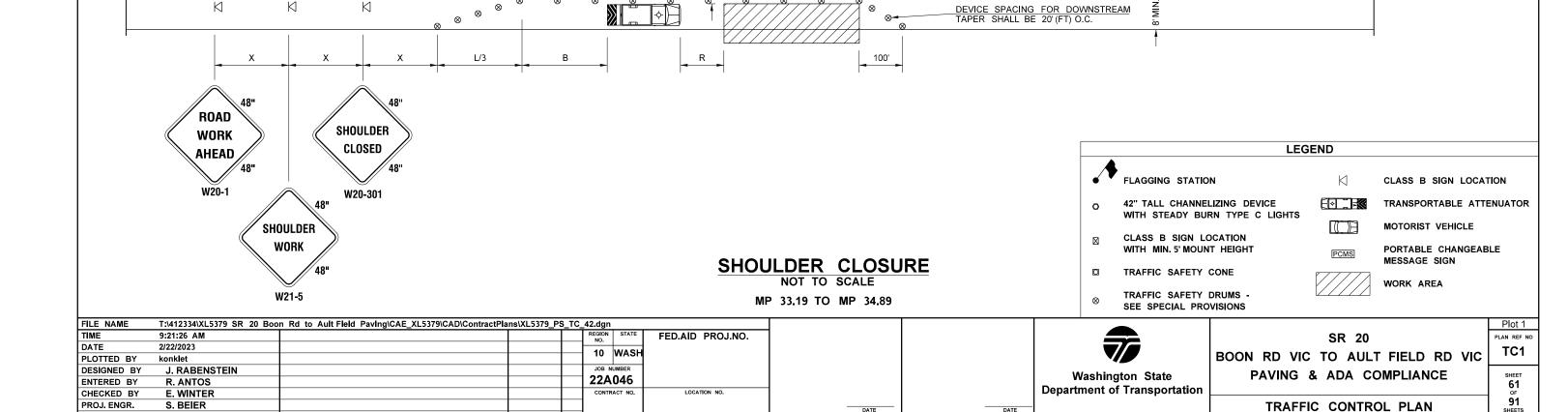
- (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
- (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)								
MPH	TAPER	TANGENT						
50/70	40	80						
35/45	30	60						
25/20	20	40						



NOTES:

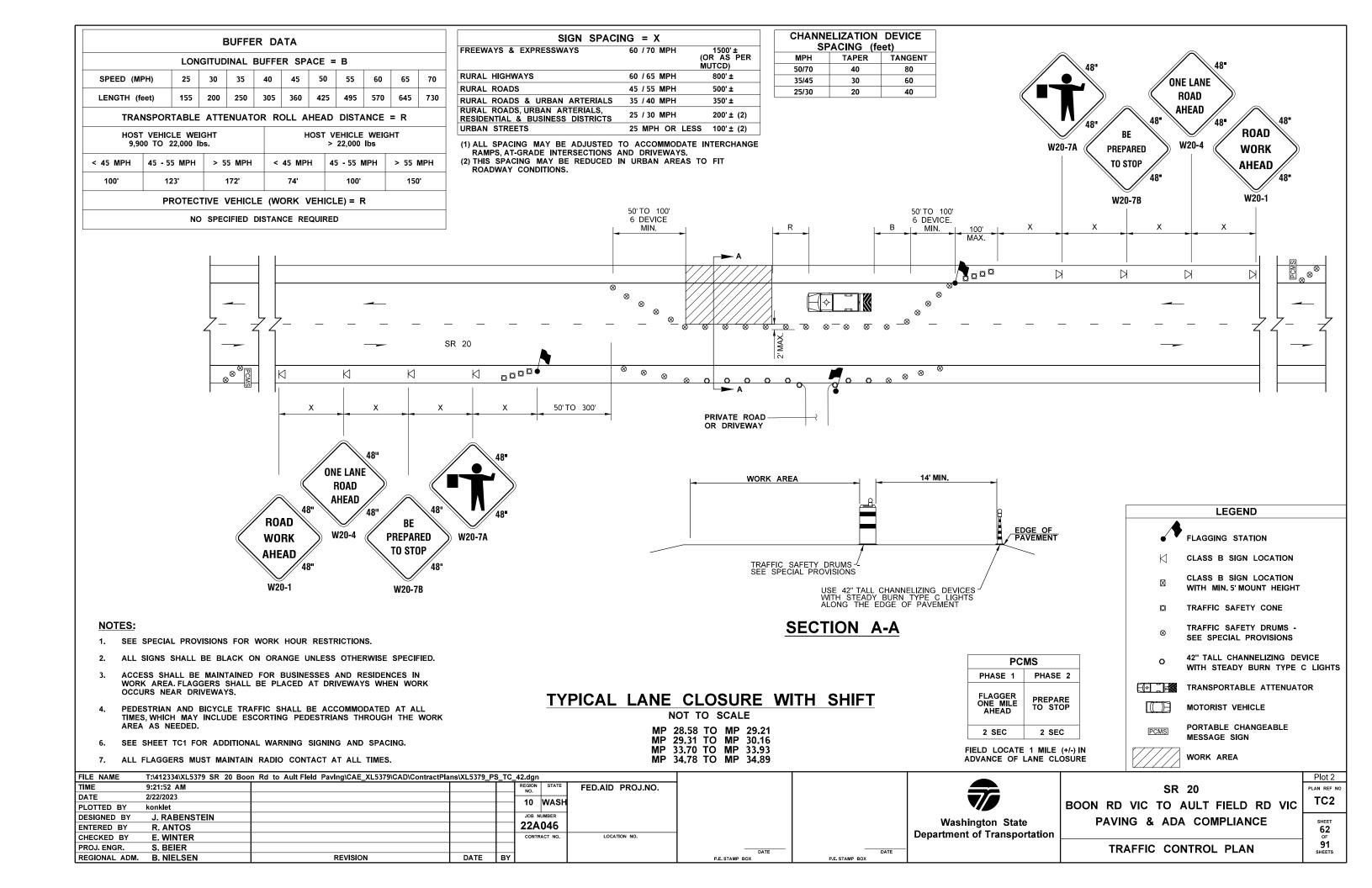
- 1. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
- ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE SPECIFIED.
- ACCESS SHALL BE MAINTAINED FOR BUSINESSES AND RESIDENCES IN WORK AREA. FLAGGERS SHALL BE PLACED AT DRIVEWAYS WHEN WORK OCCURS NEAR DRIVEWAYS.
- PEDESTRIAN AND BICYCLE TRAFFIC SHALL BE ACCOMMODATED AT ALL TIMES, WHICH MAY INCLUDE ESCORTING PEDESTRIANS THROUGH THE
- SHOULDER CLOSURES PERMITTED WHERE SHOULDERS ARE A MINIMUM OF 8 FEET IN WIDTH.

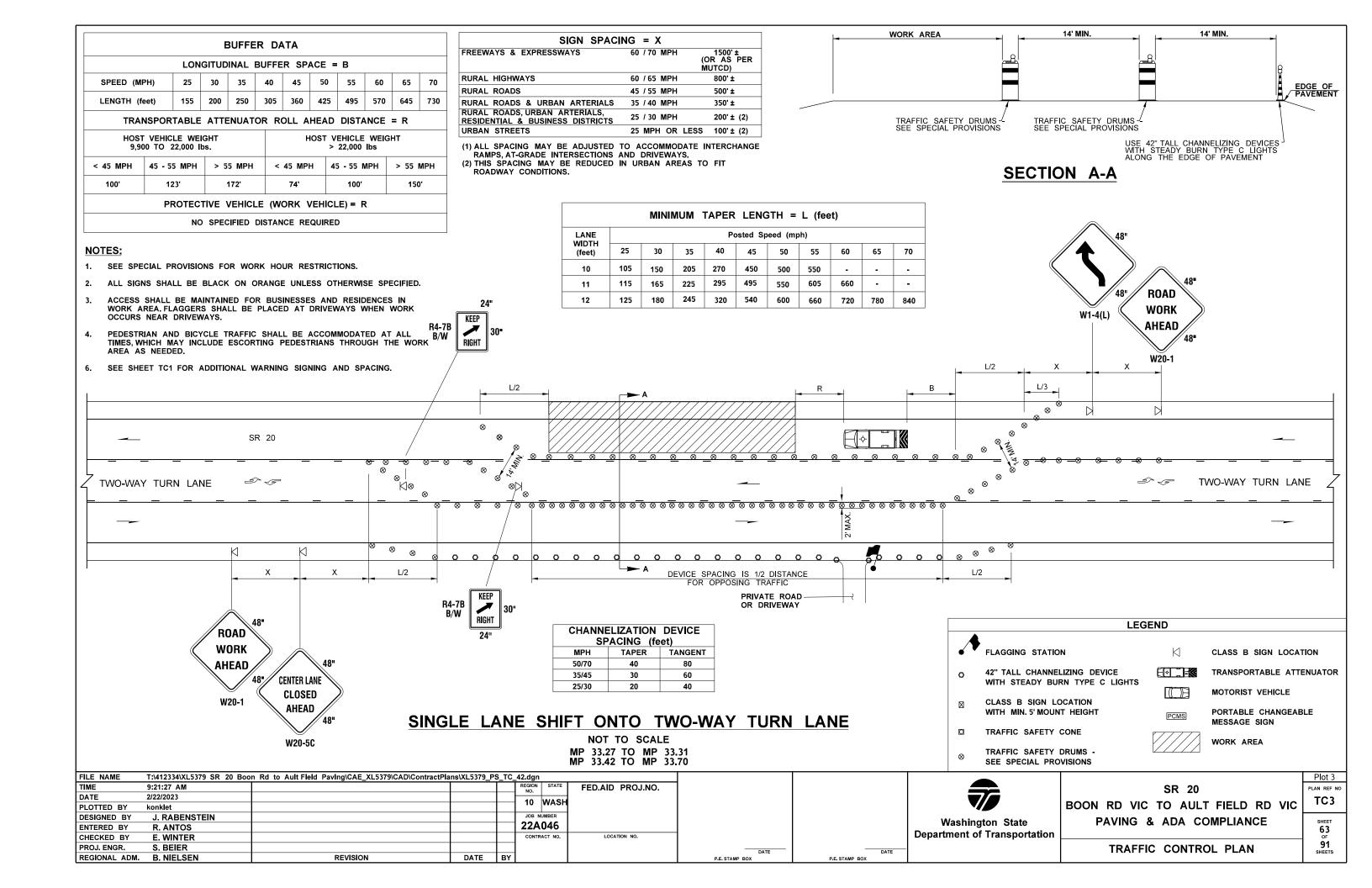


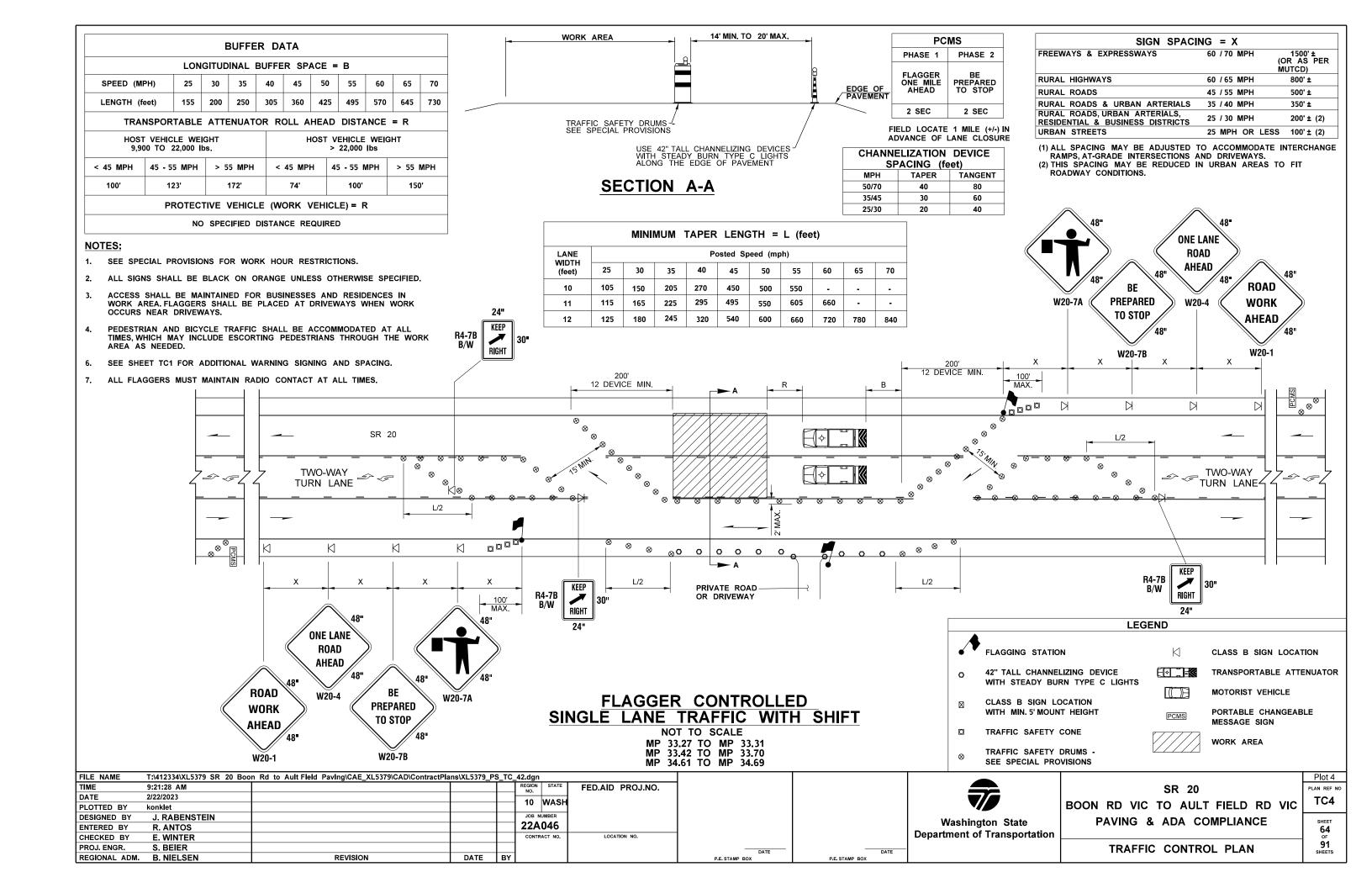
DATE

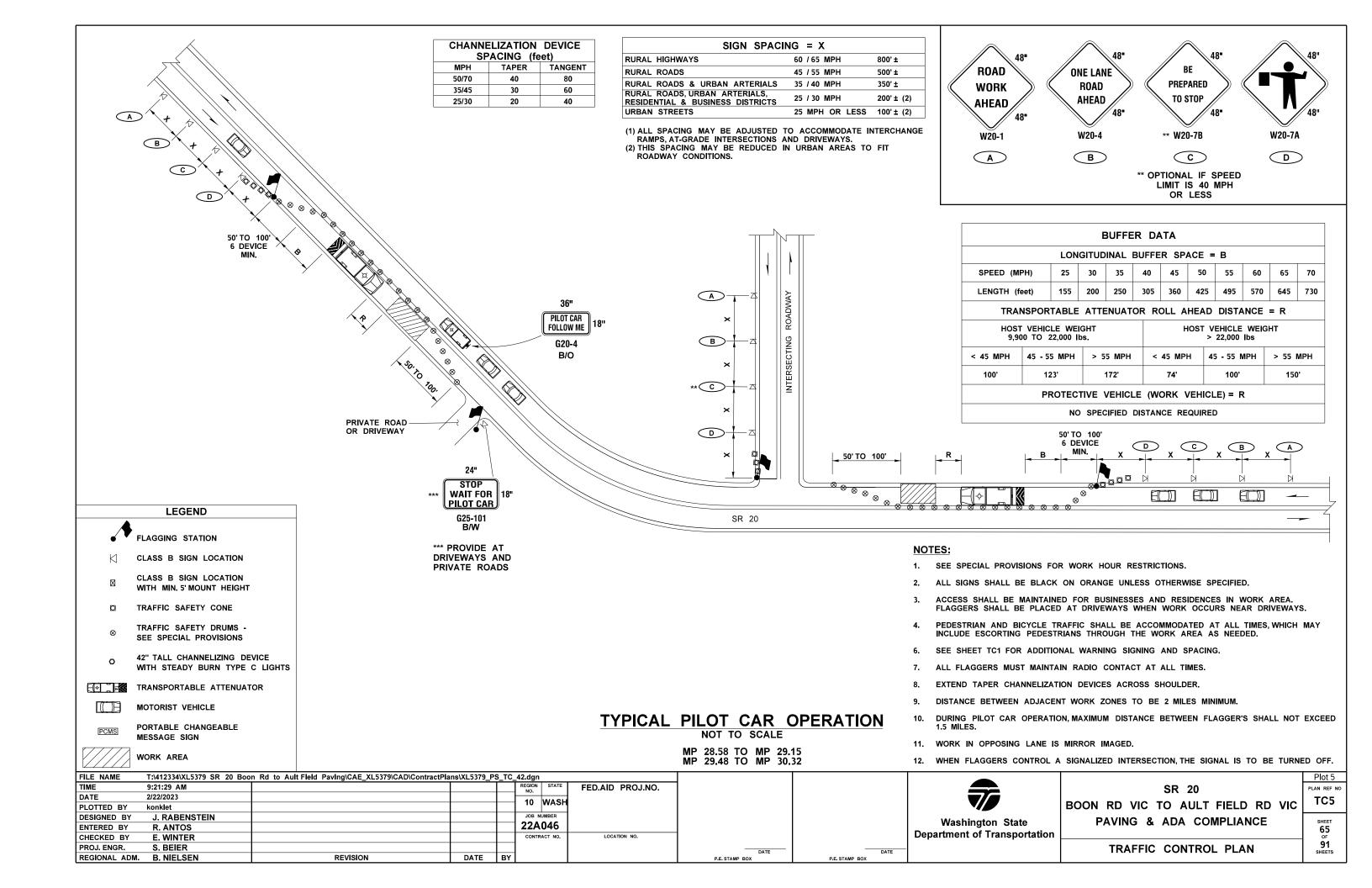
NO ENCROACHMENT IN TRAVELED LANE

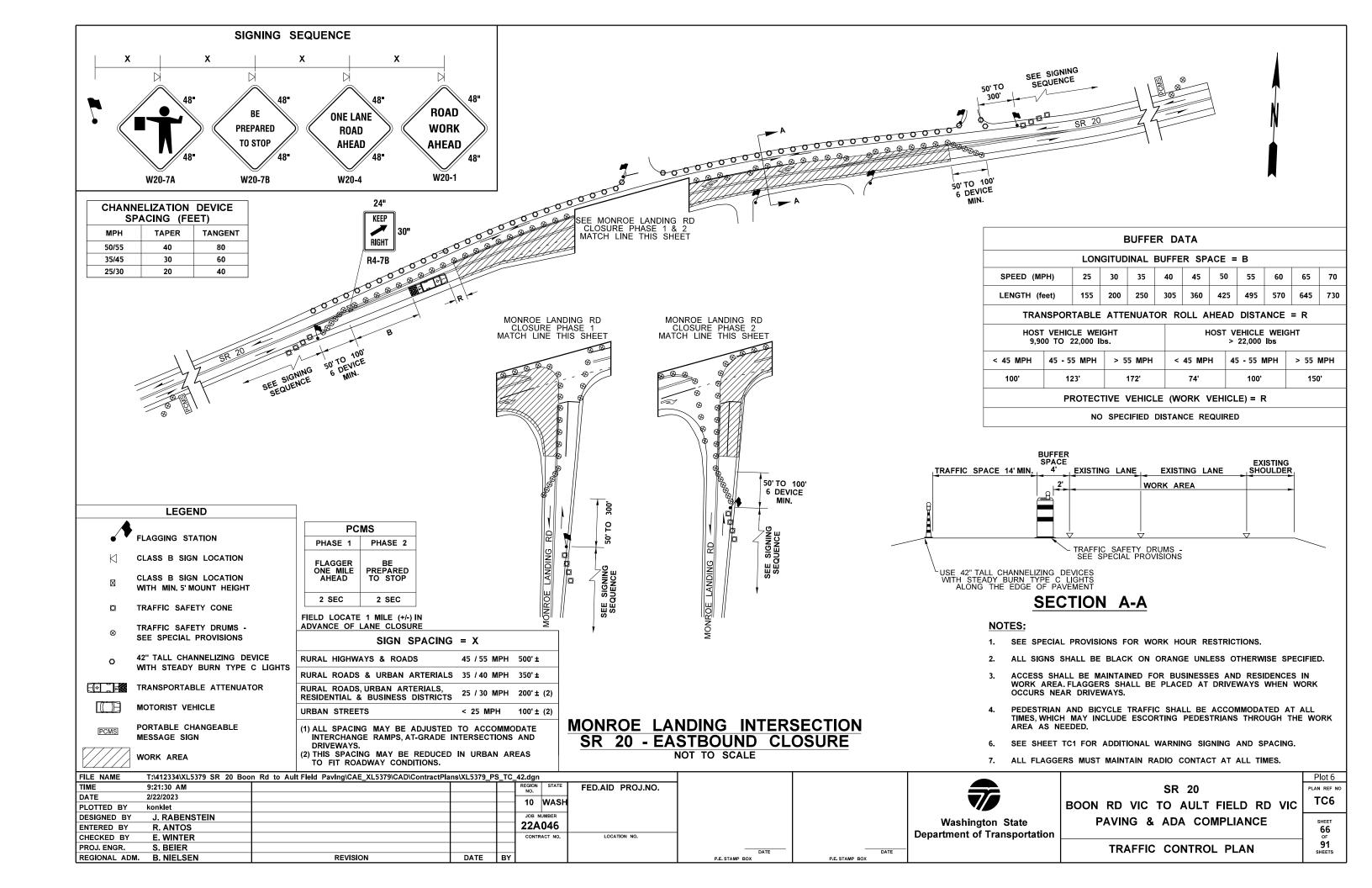
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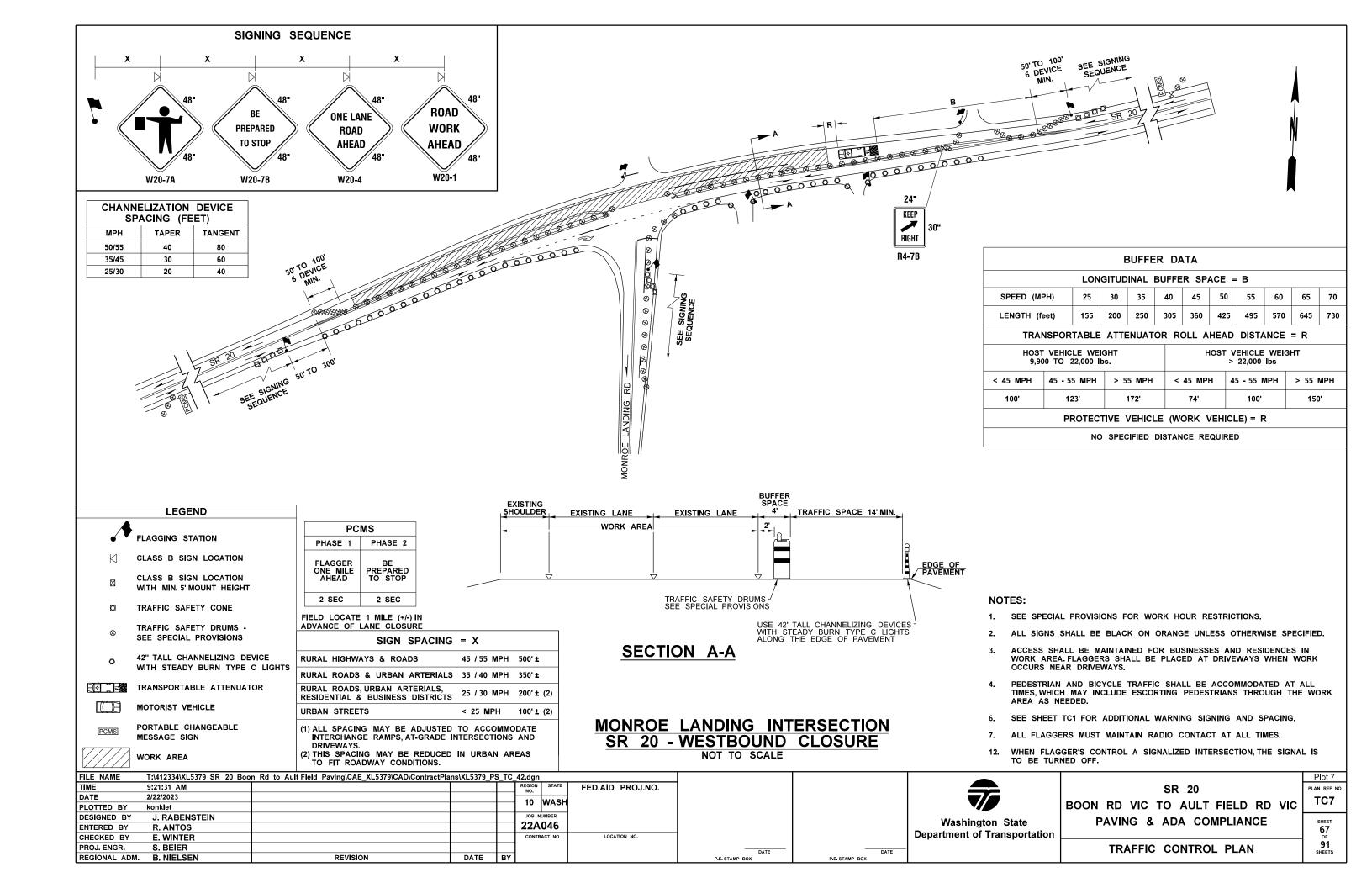


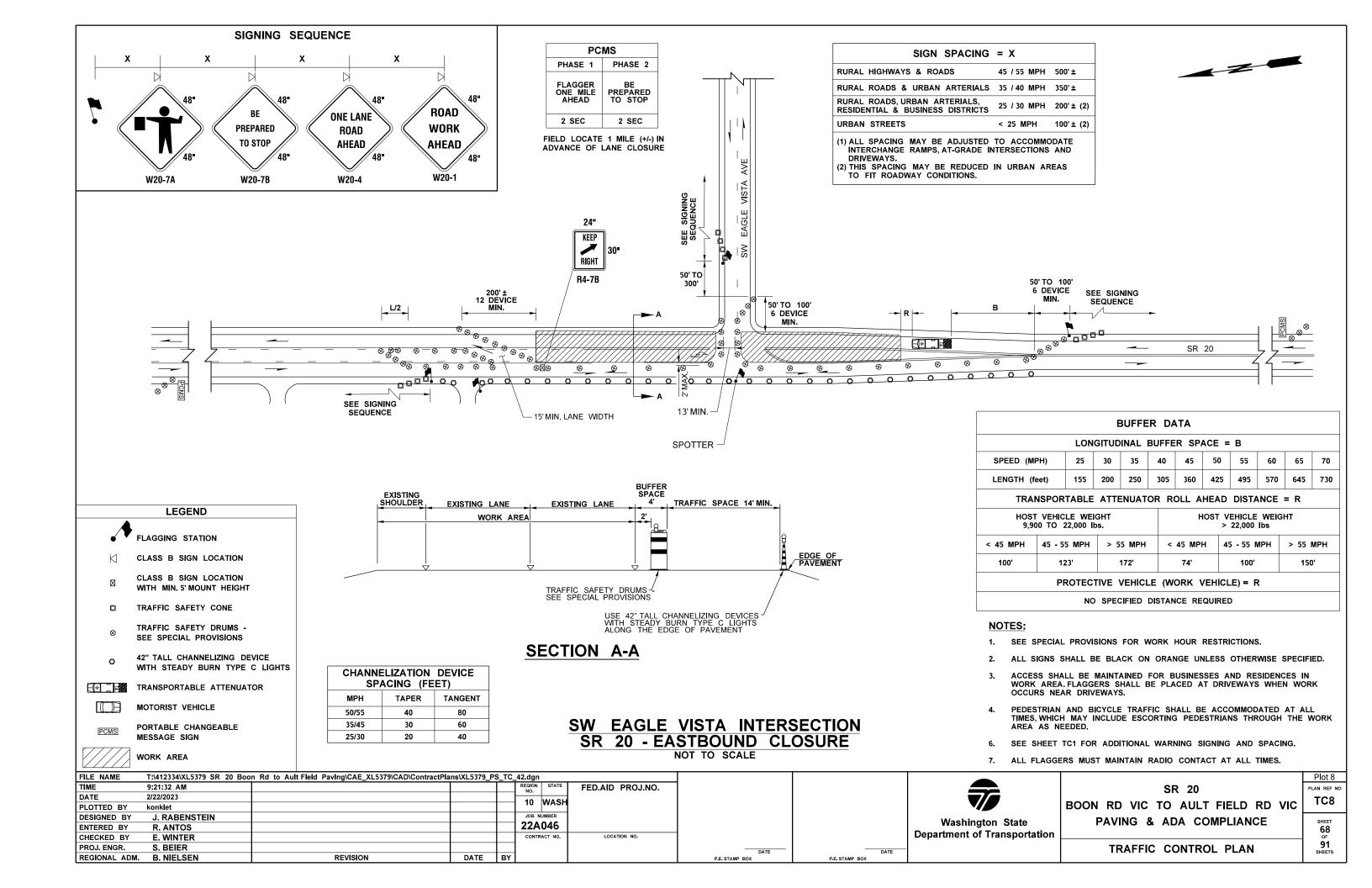


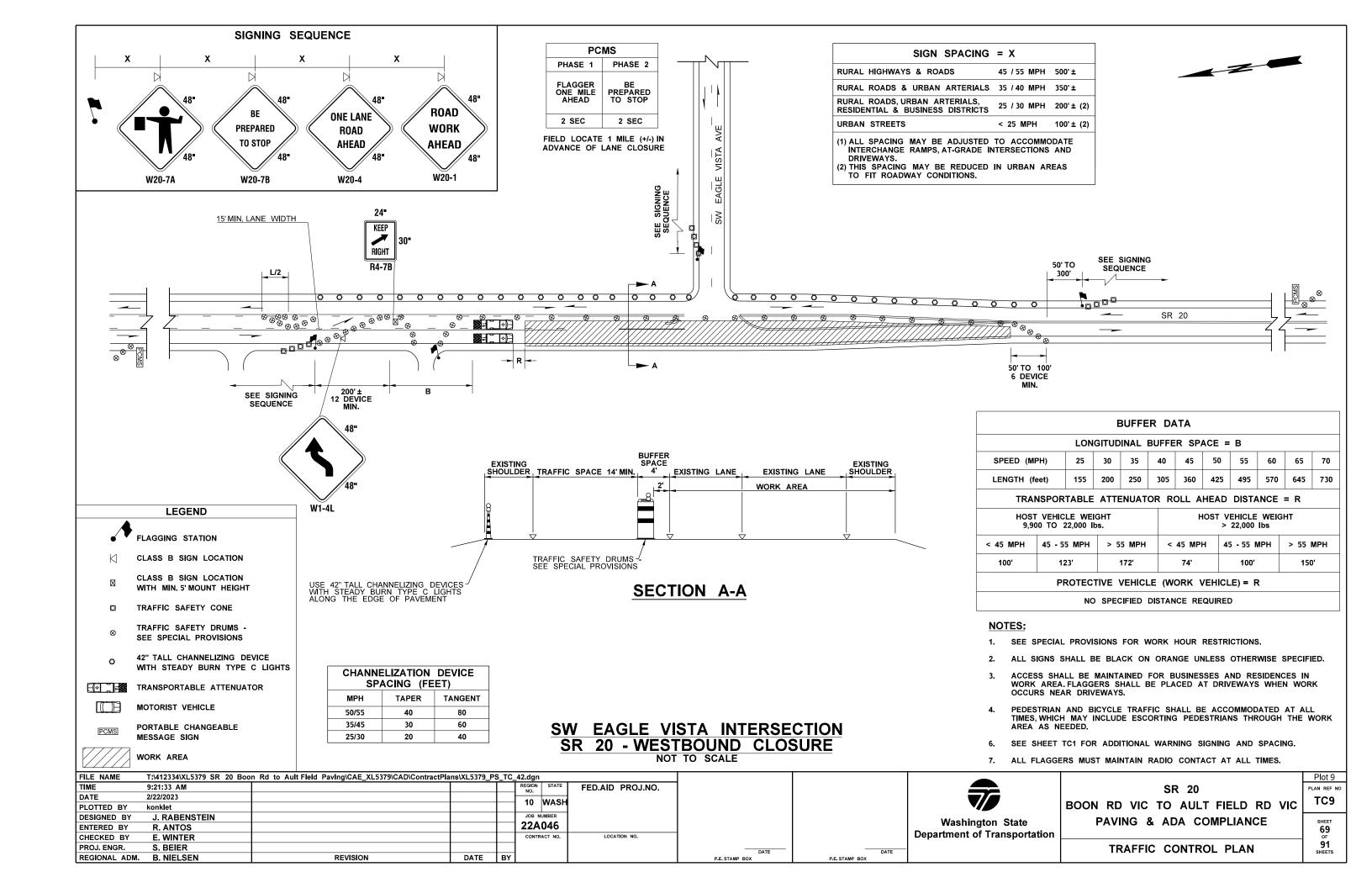


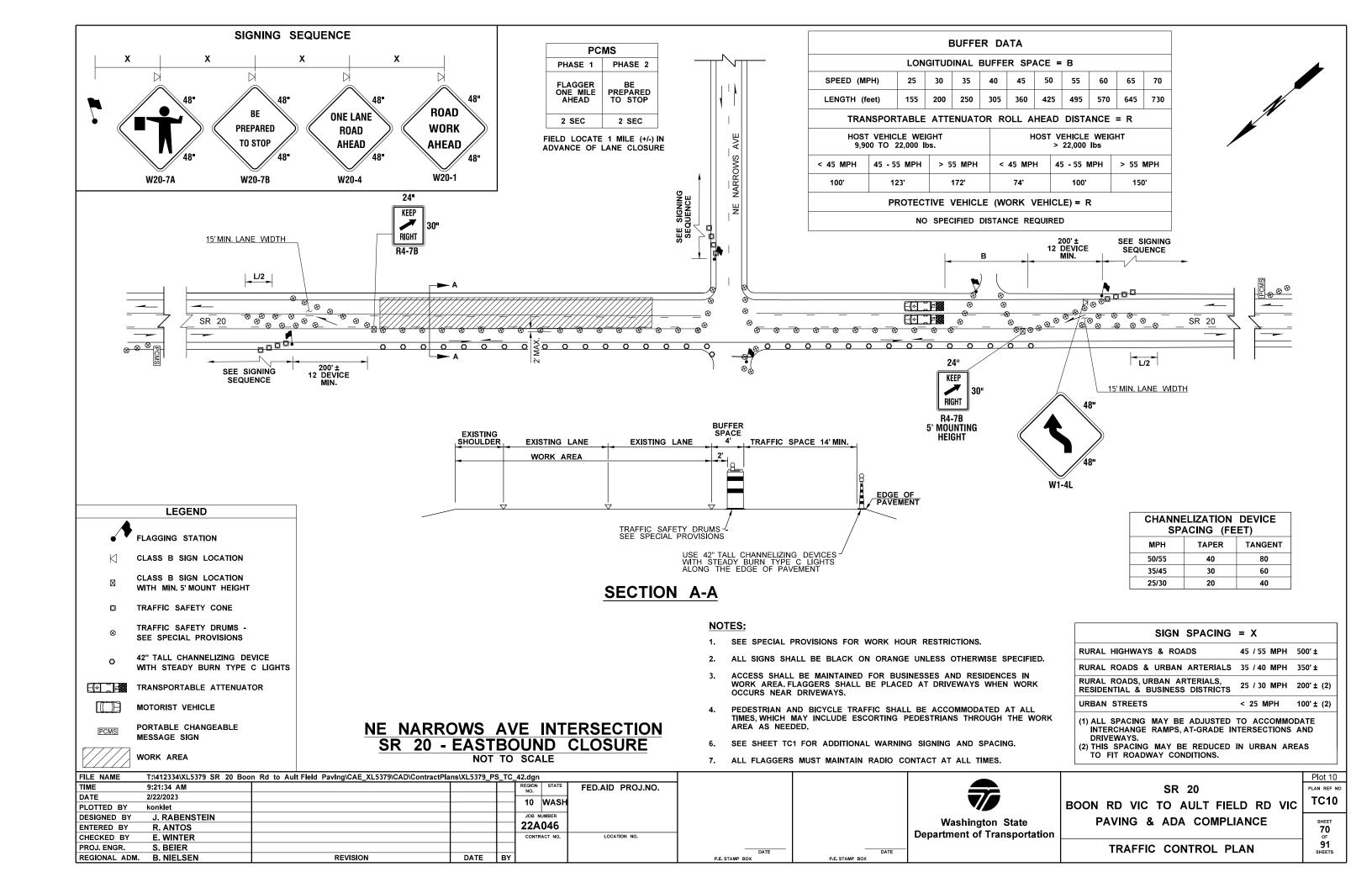


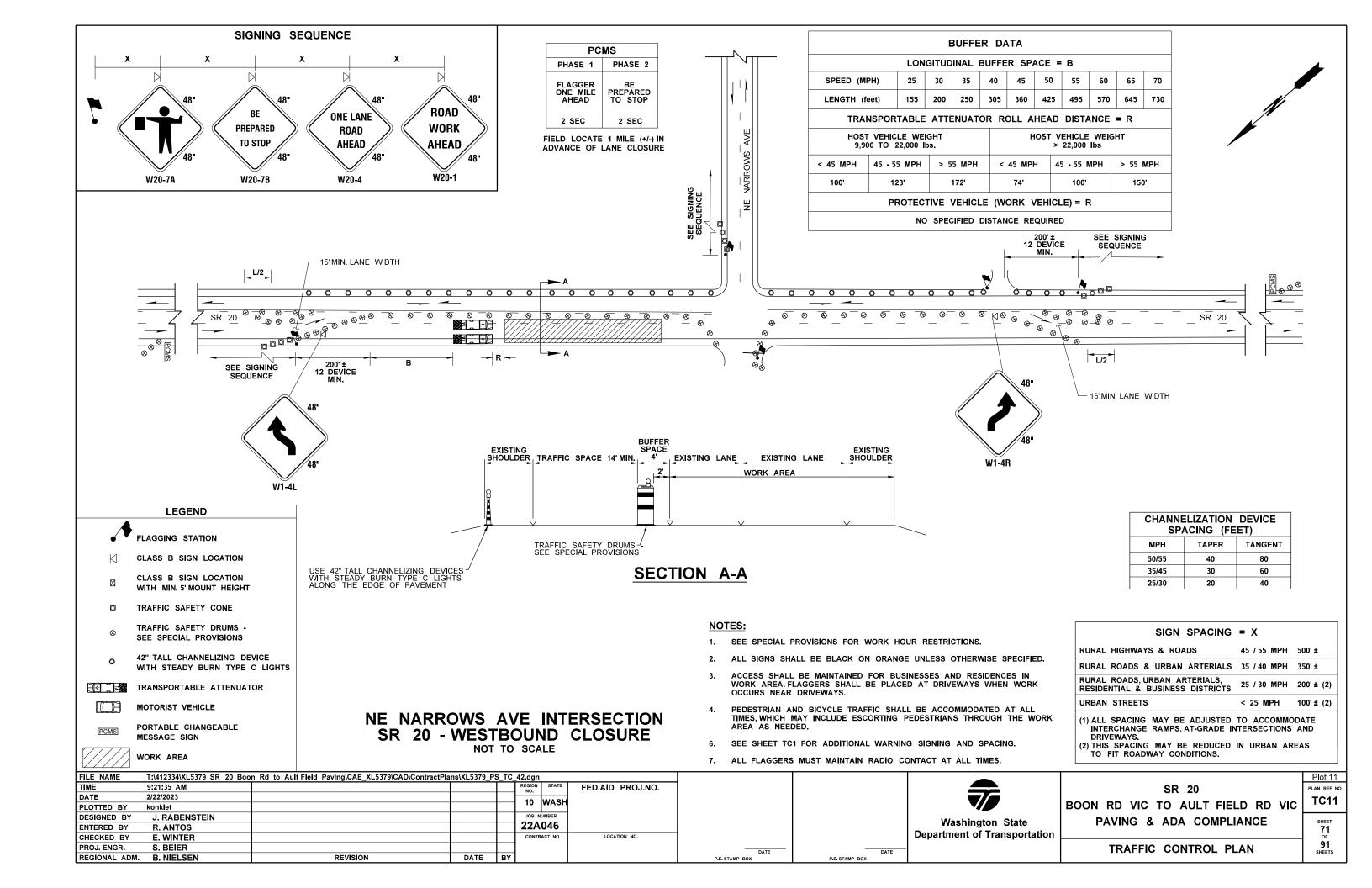


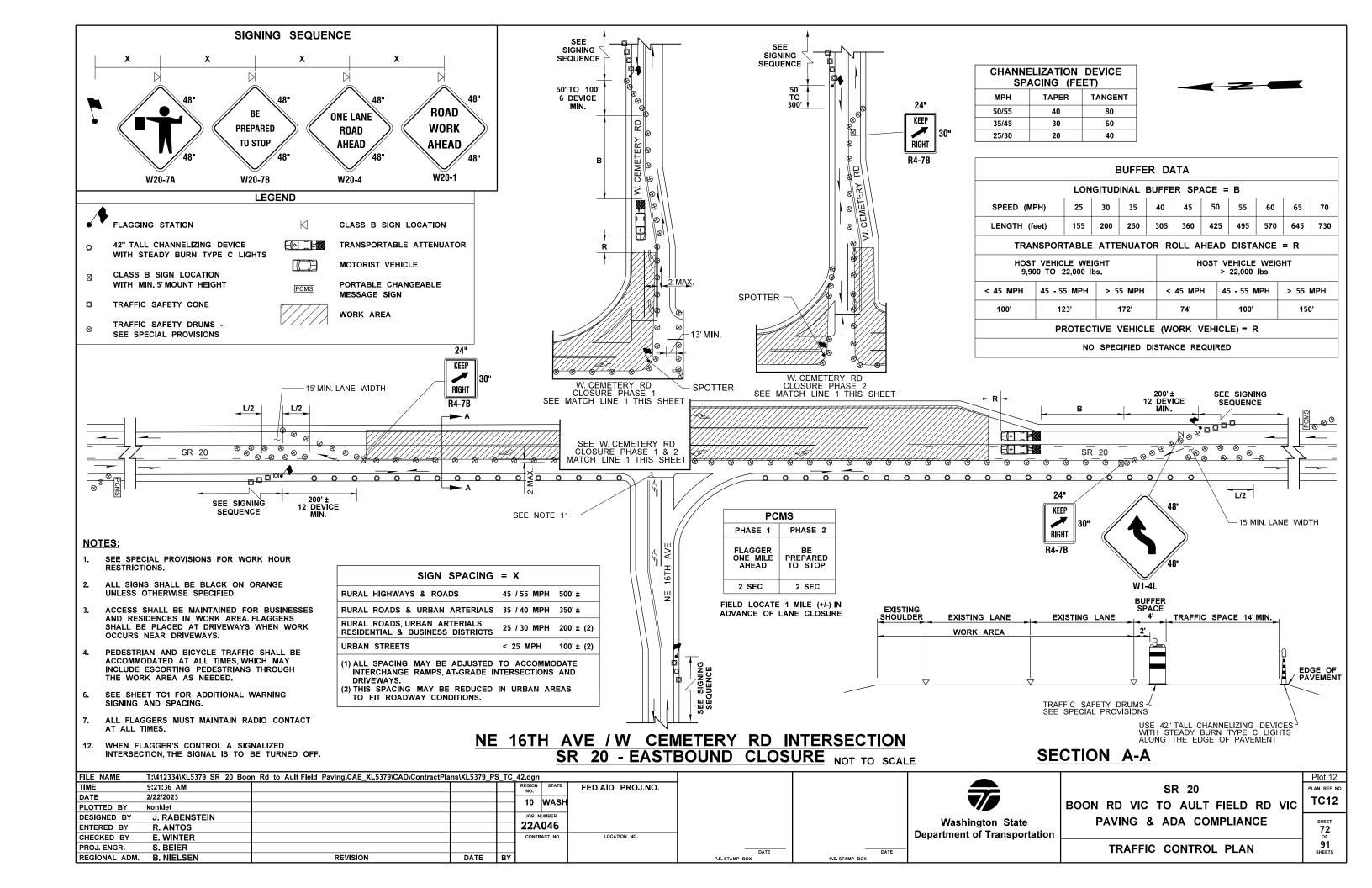


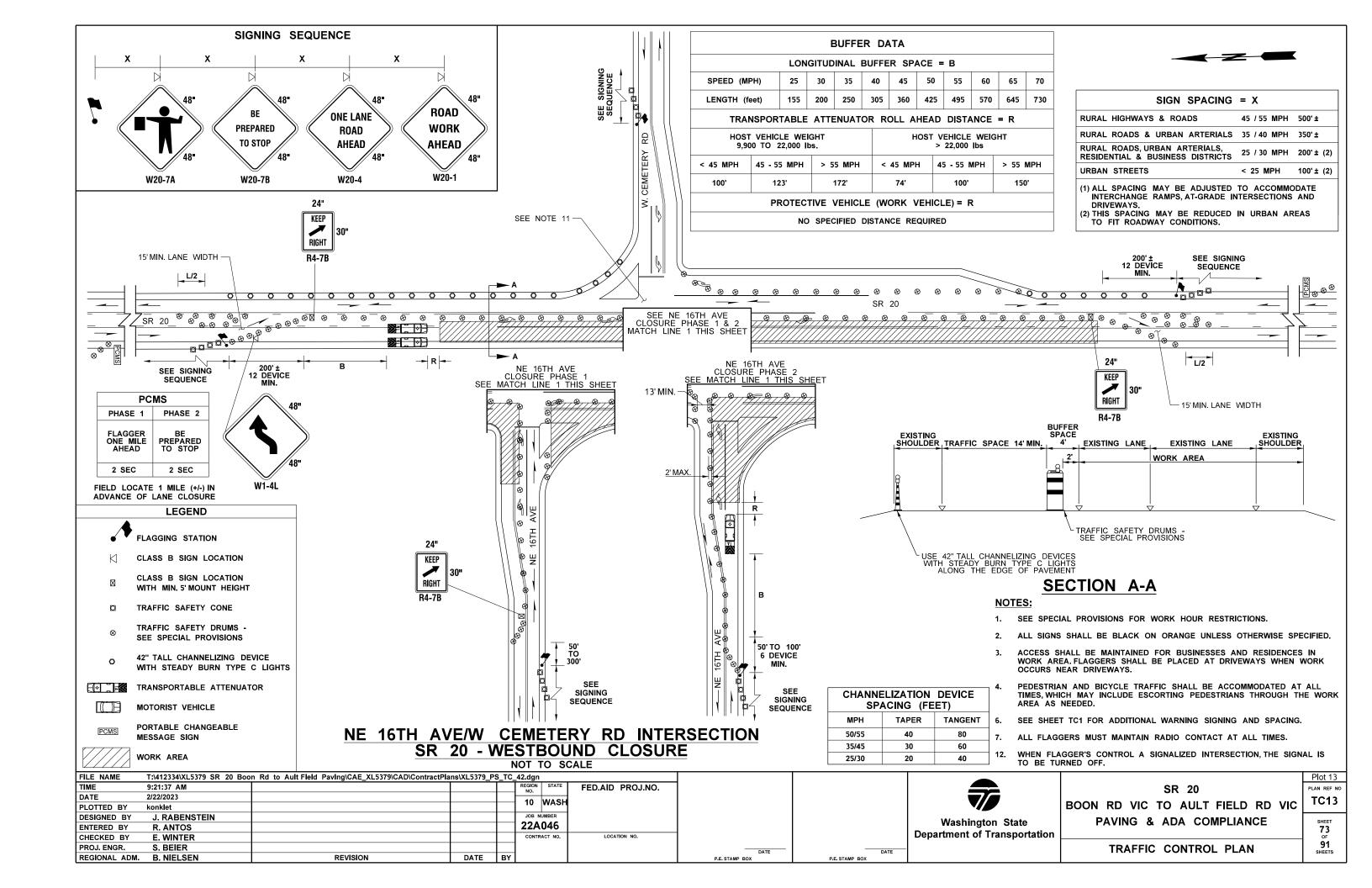


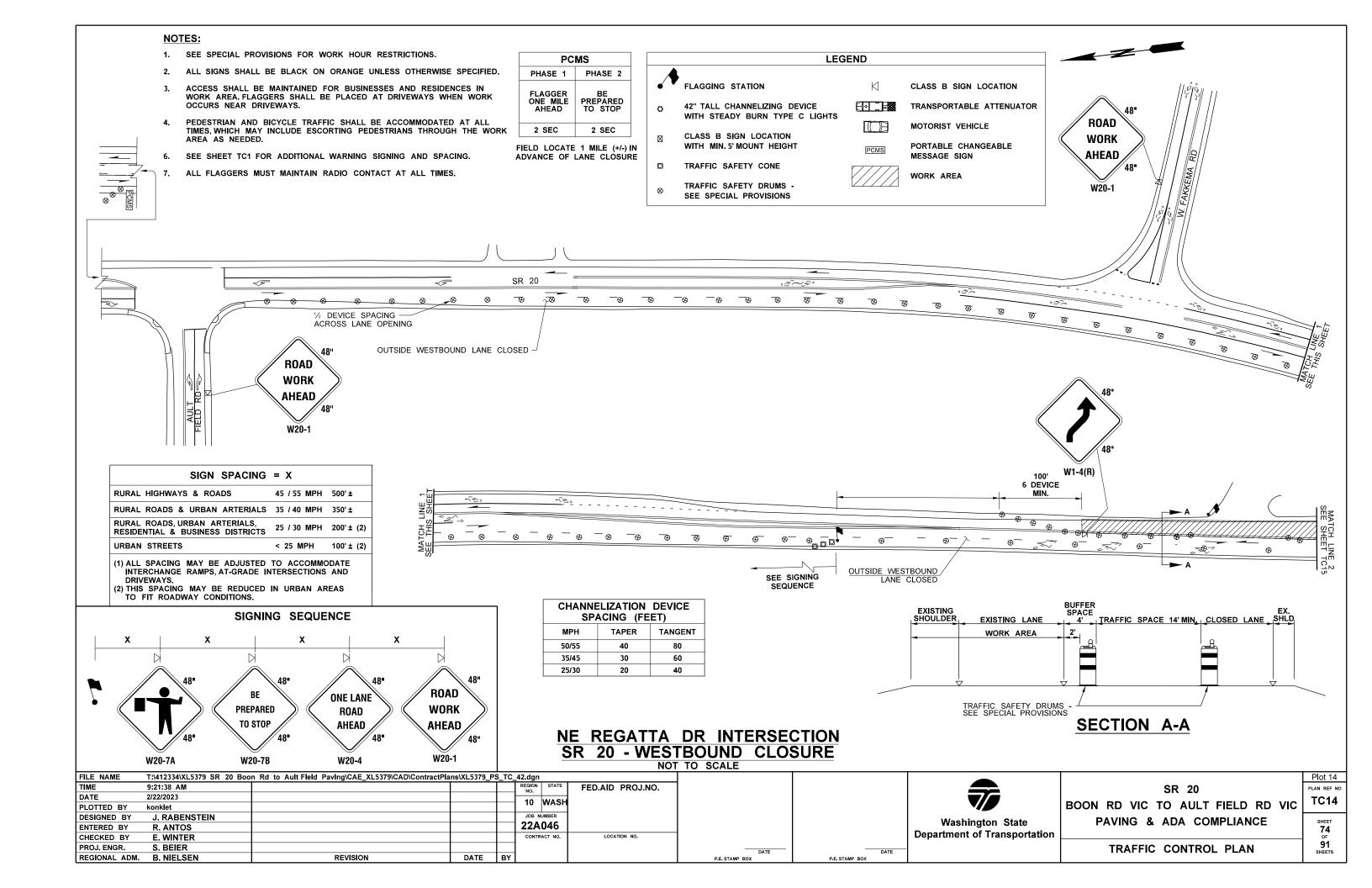


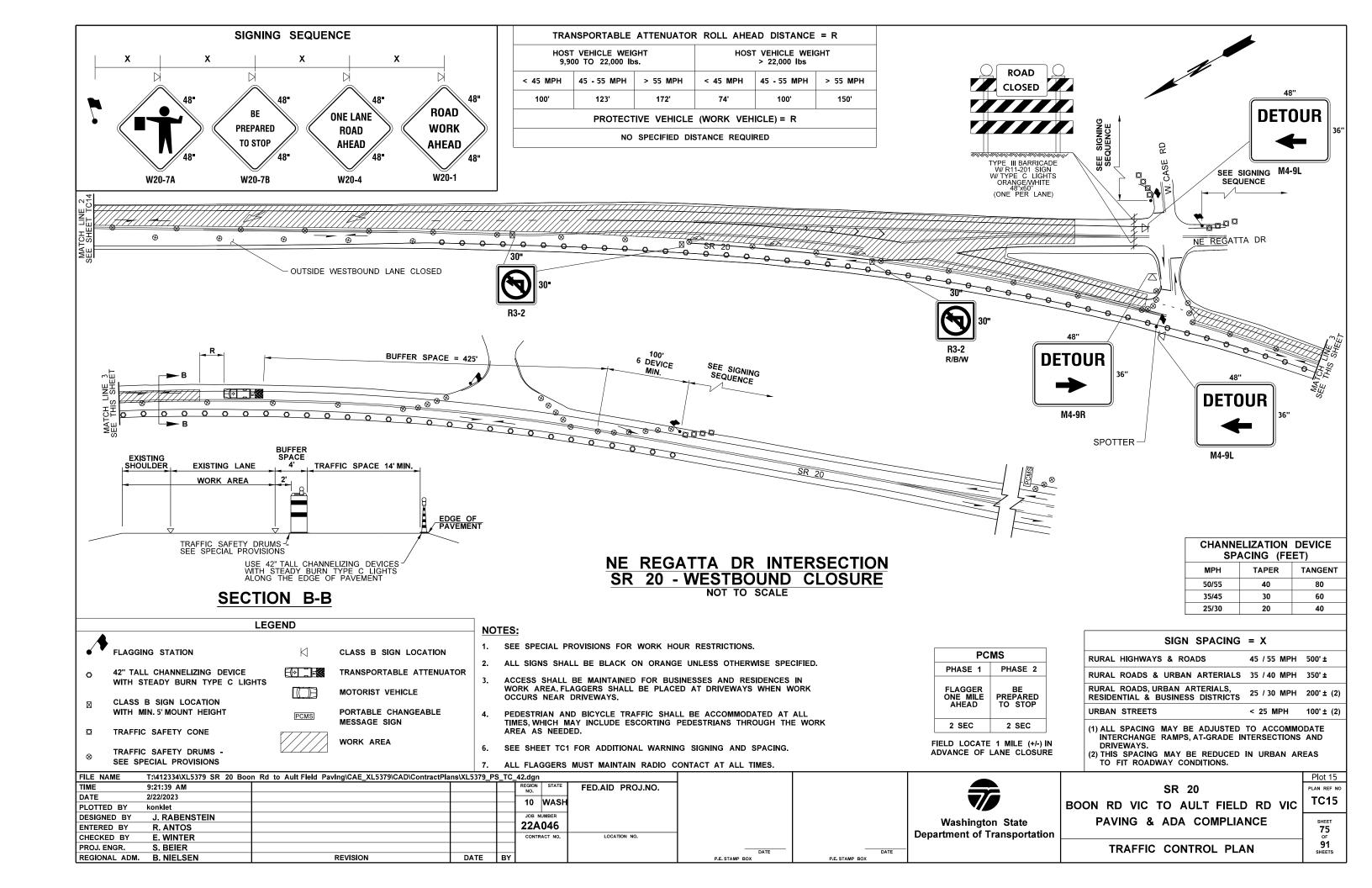


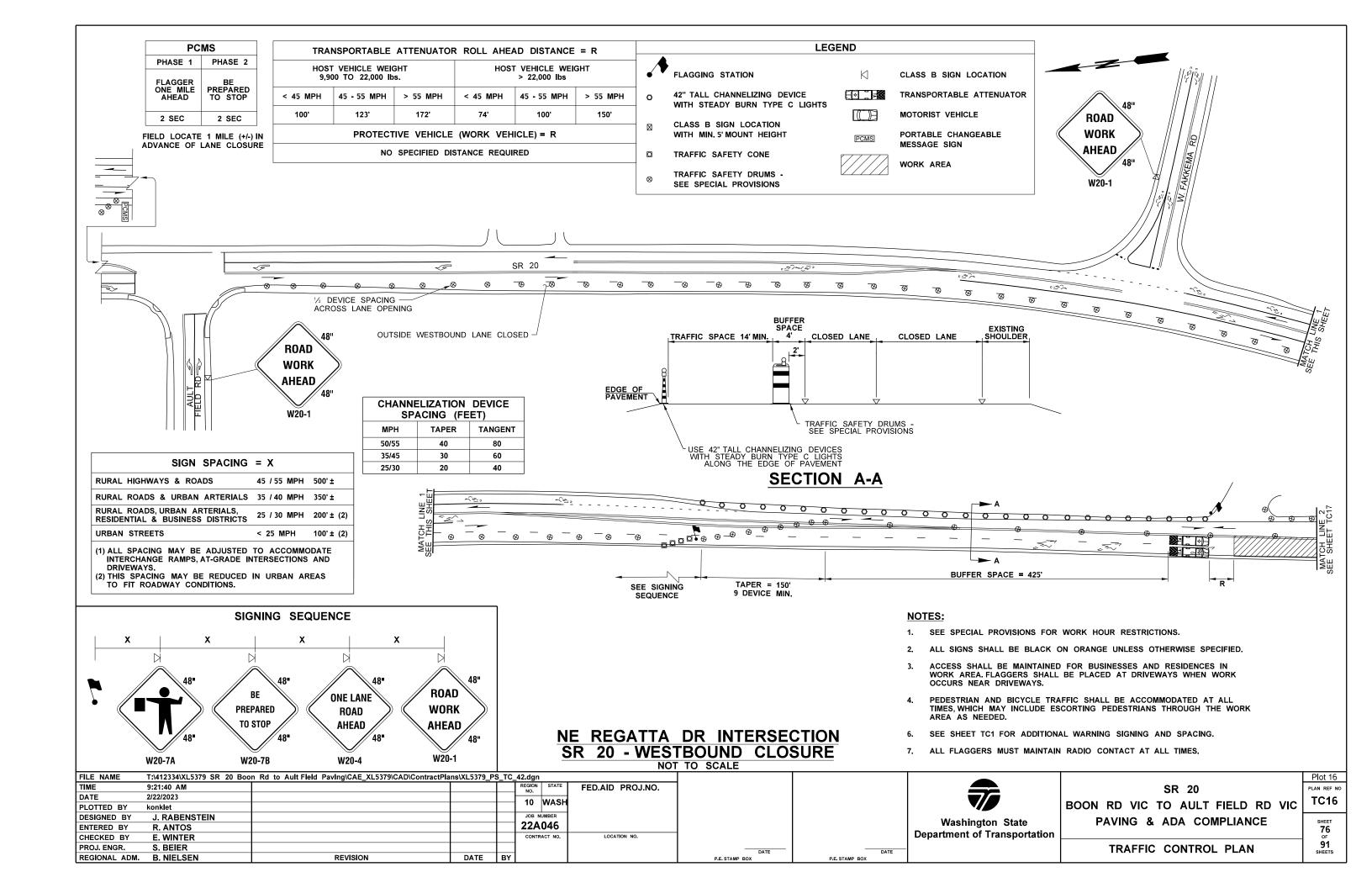


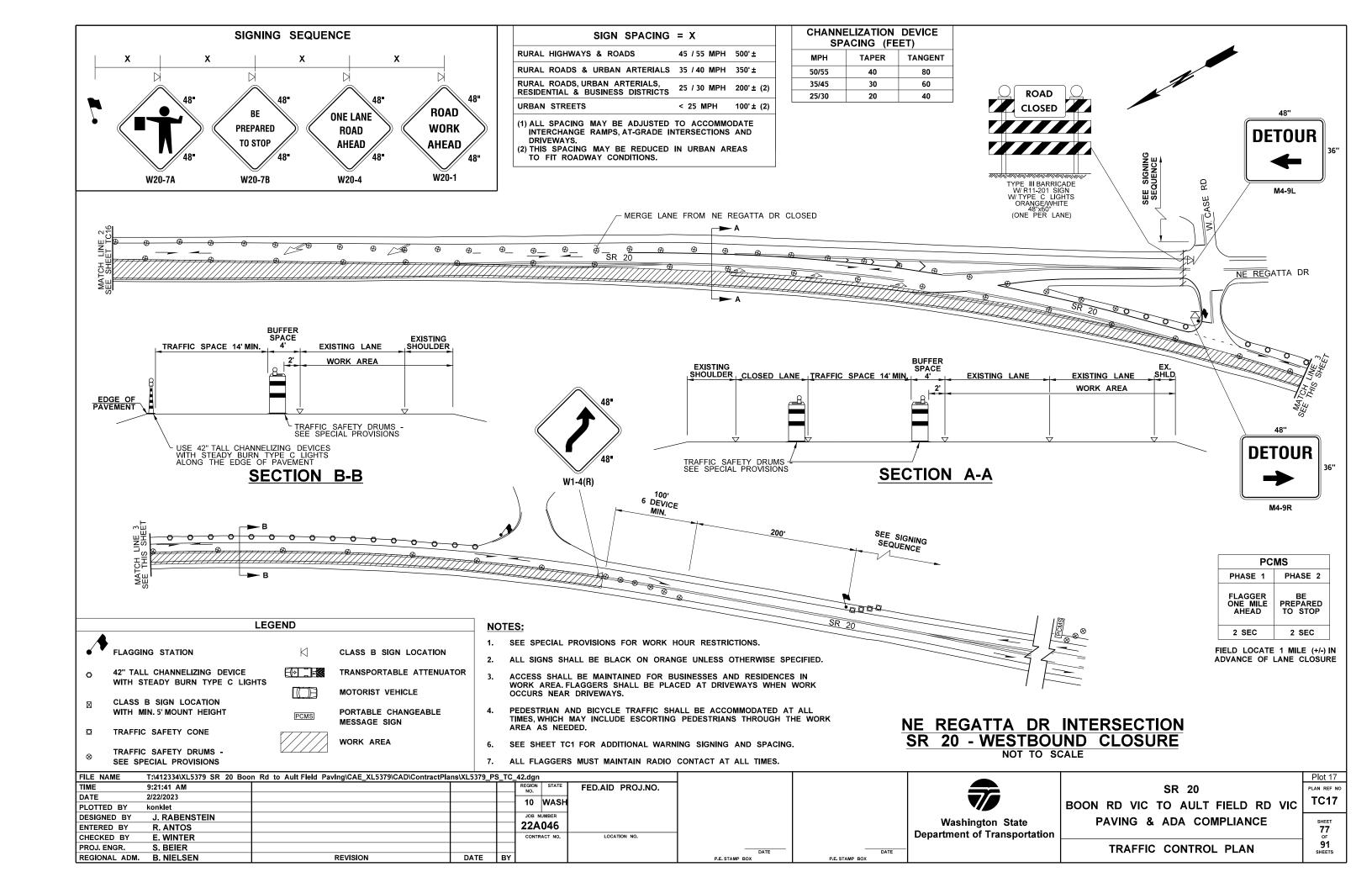


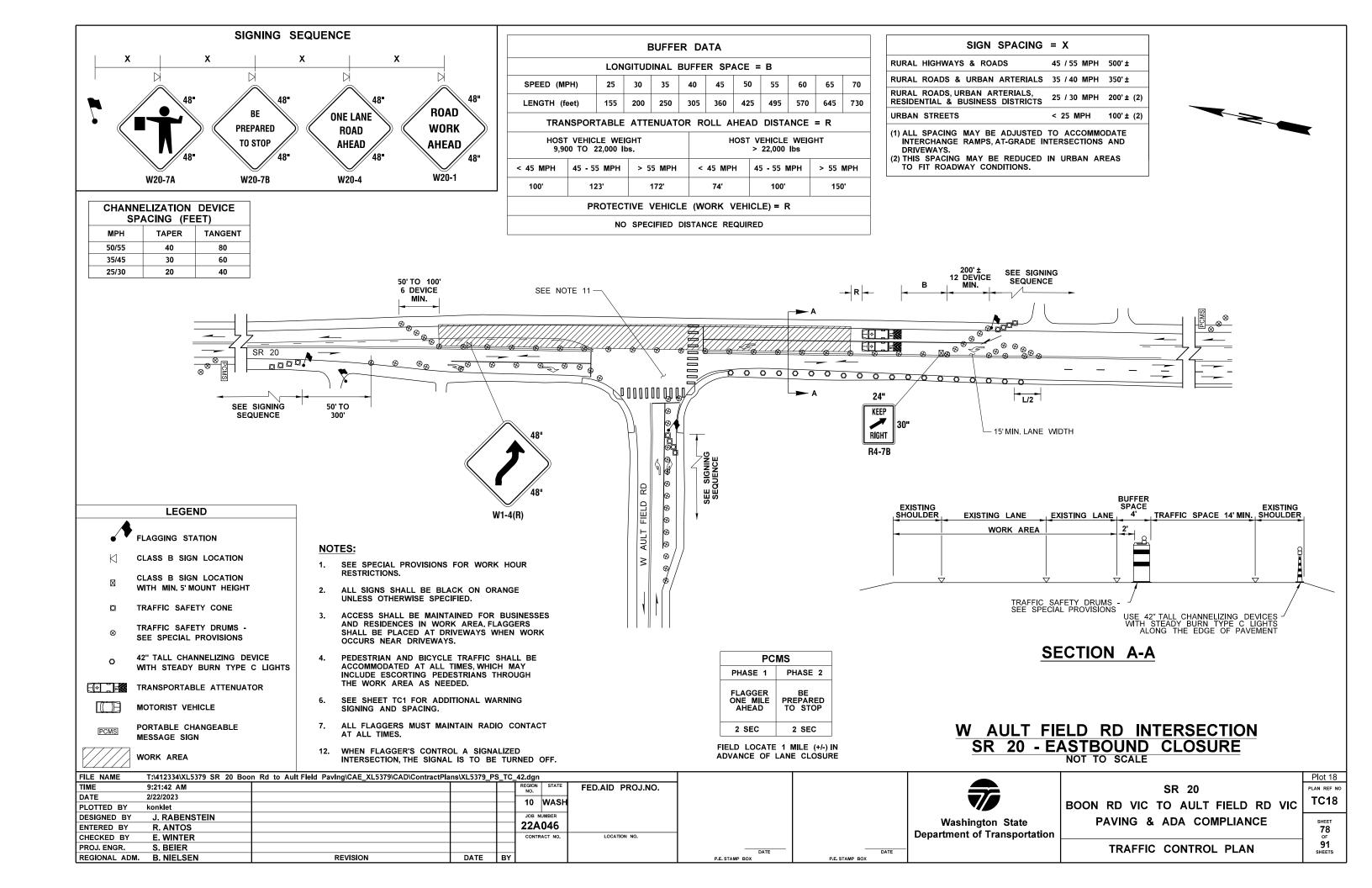


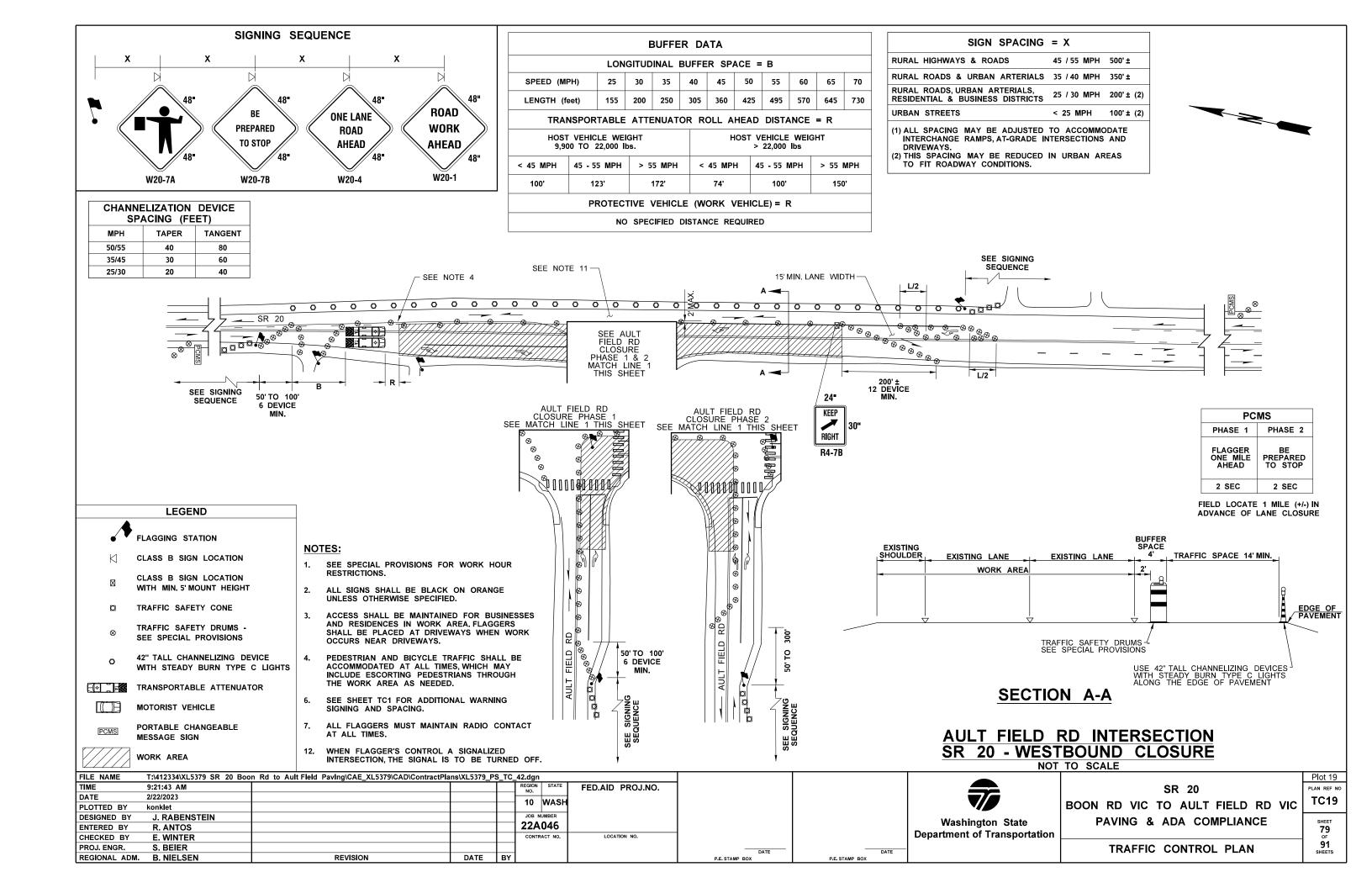


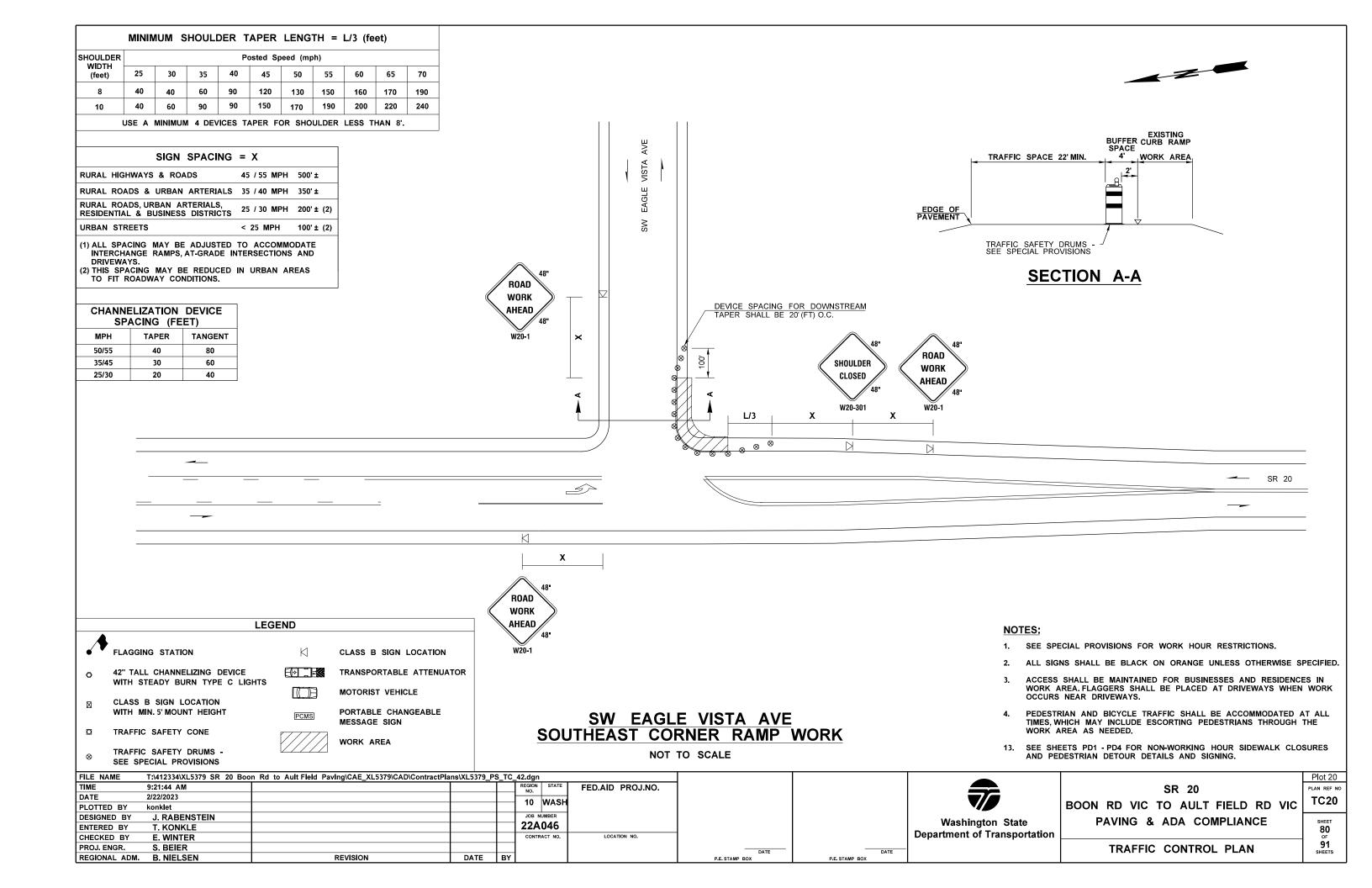


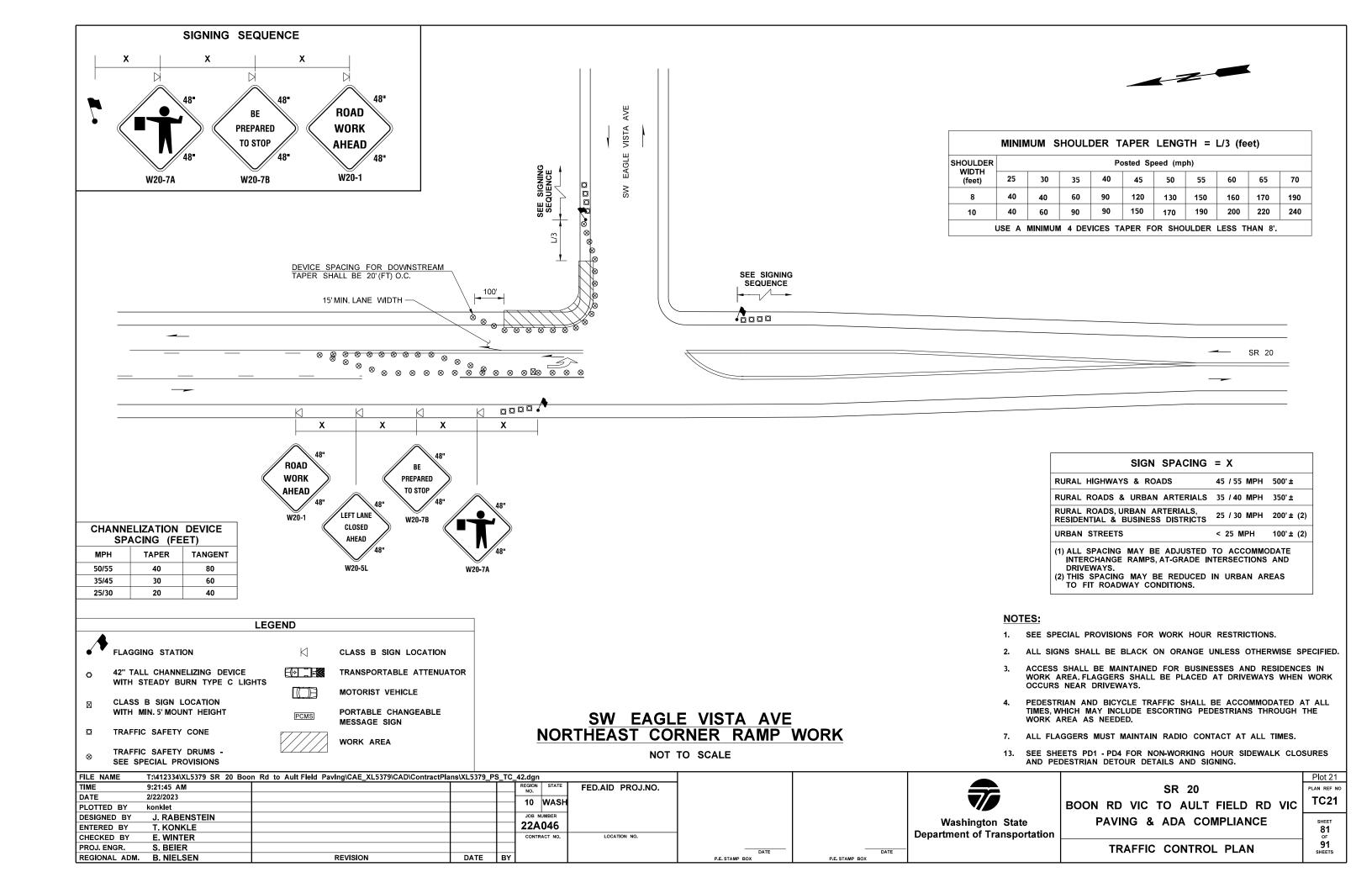


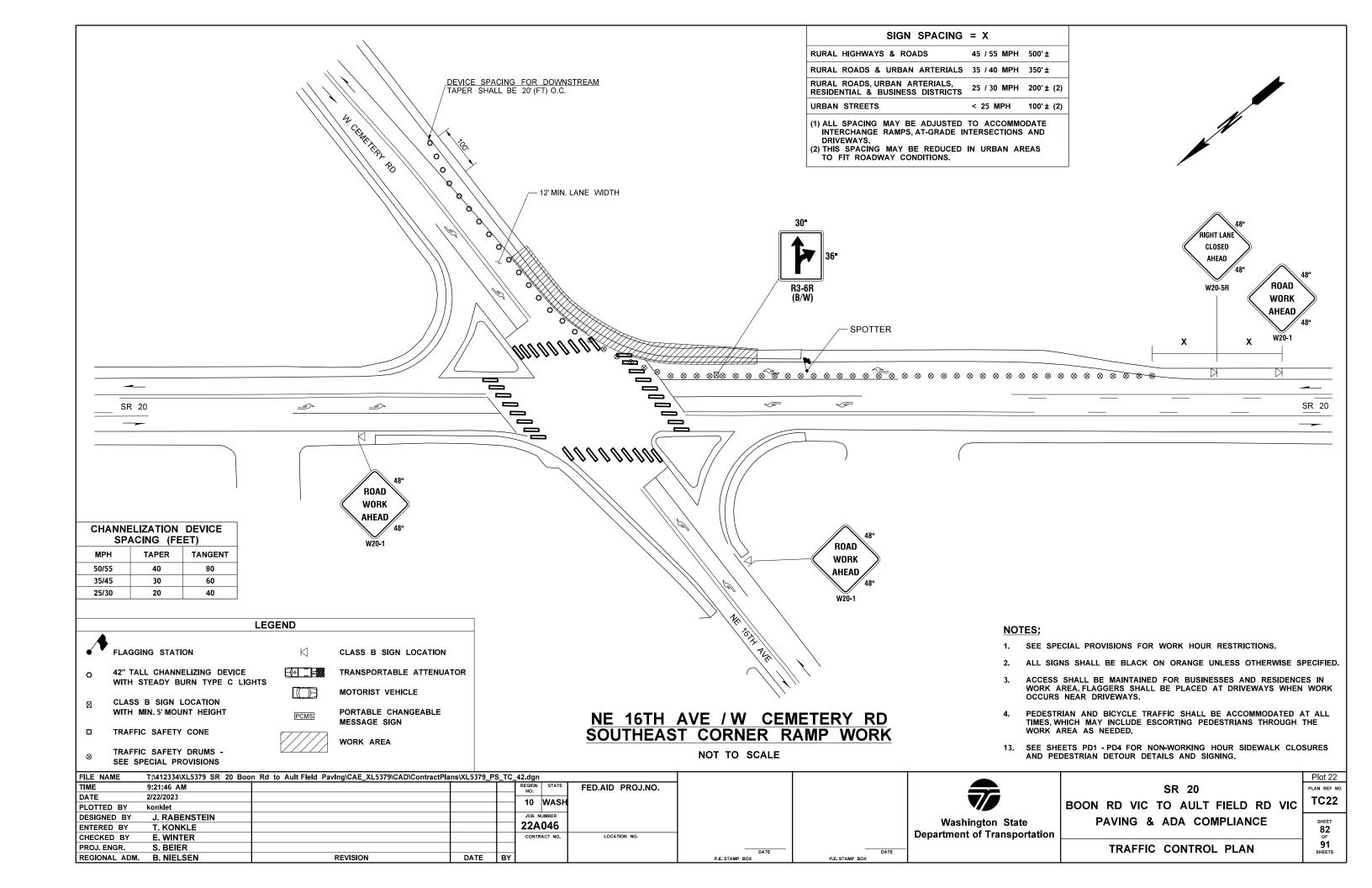


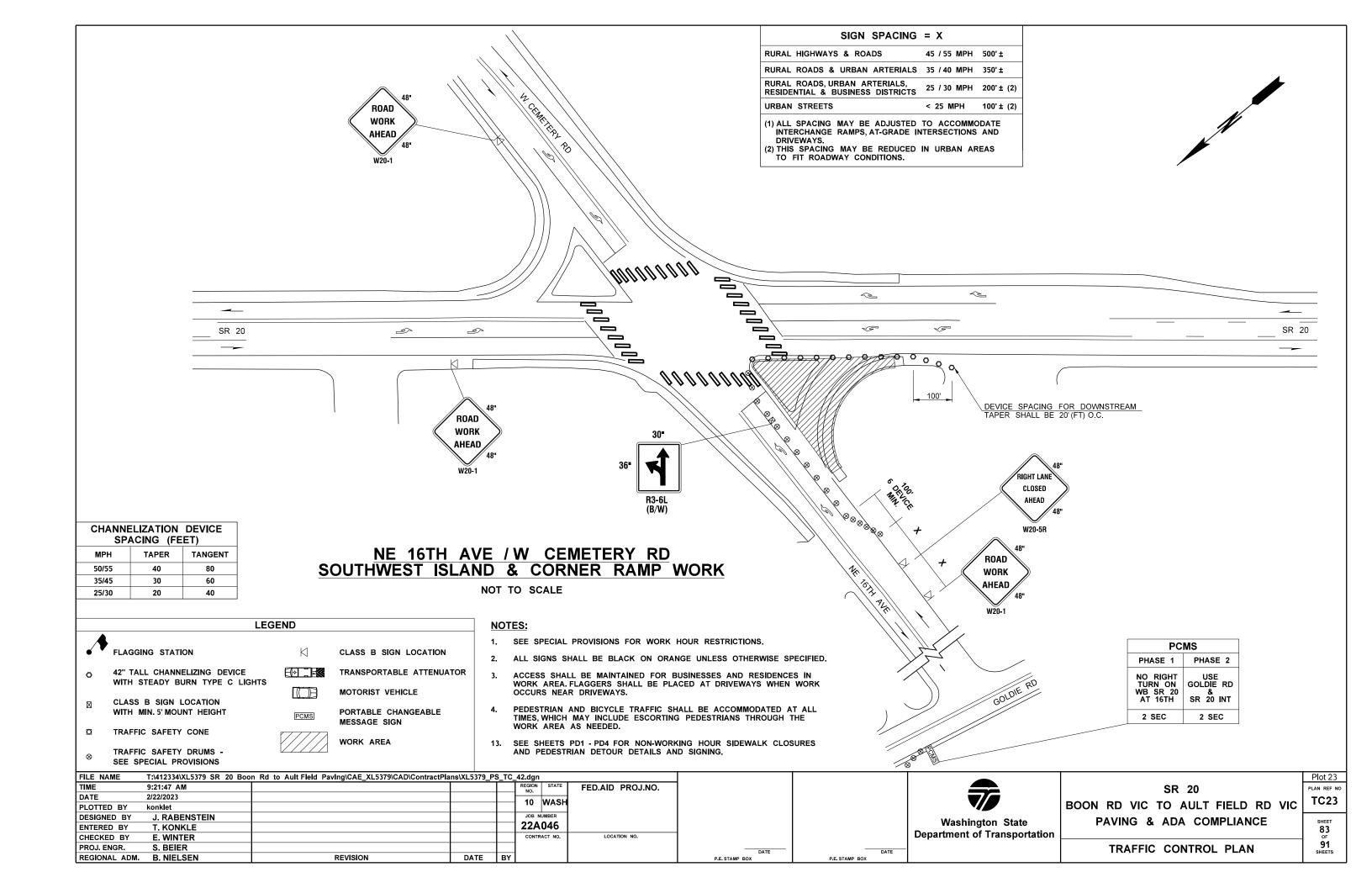


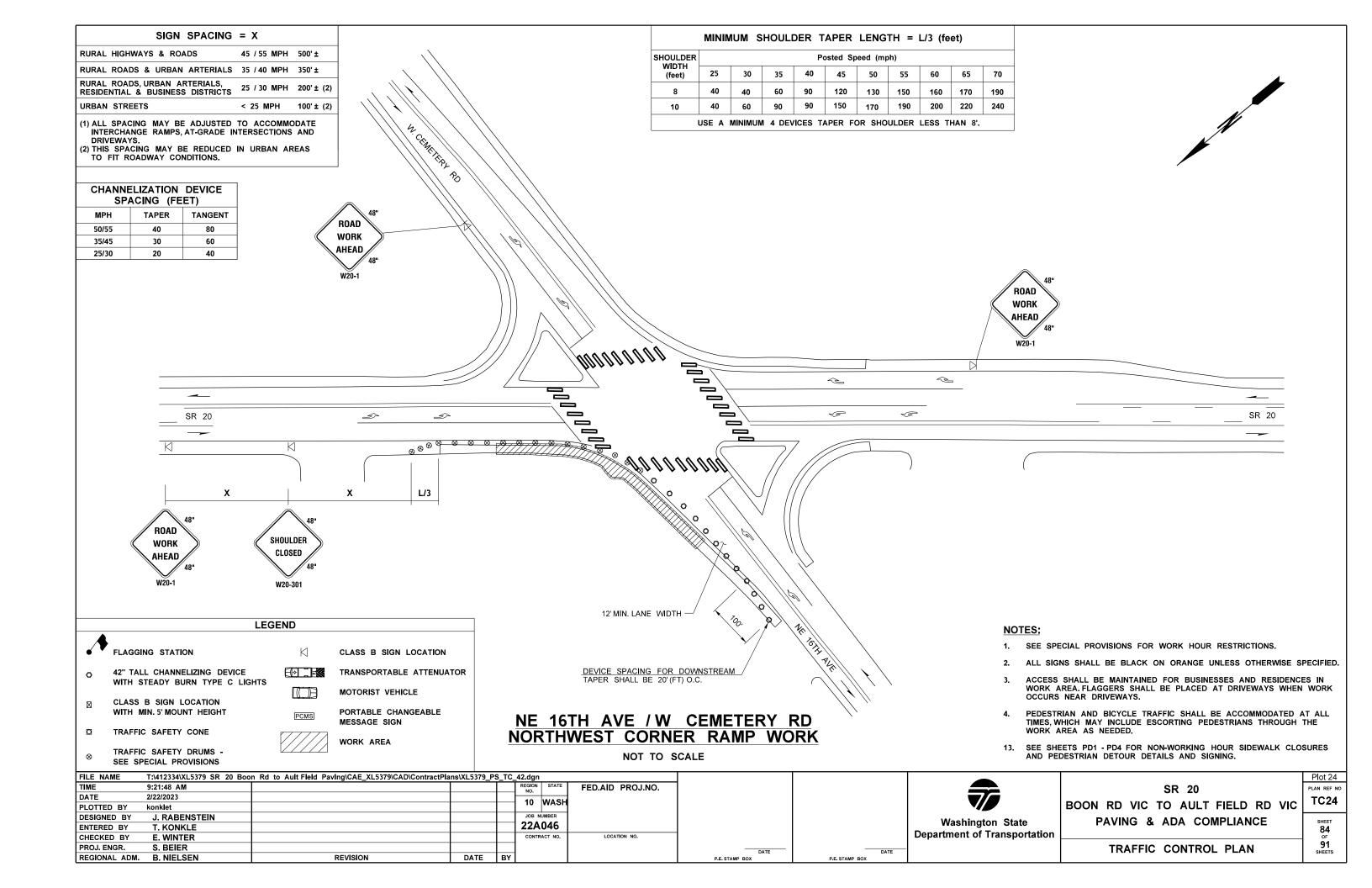


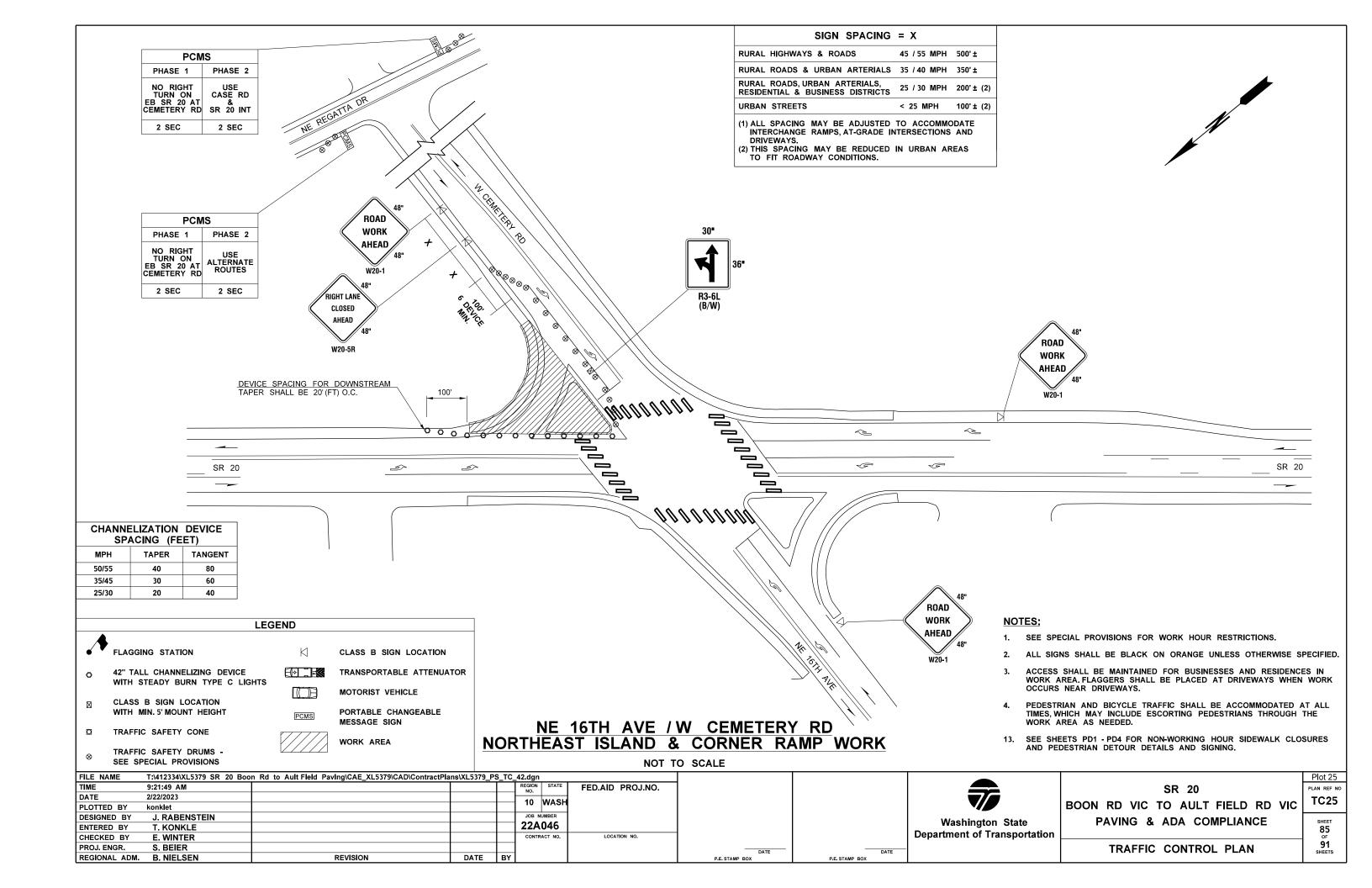


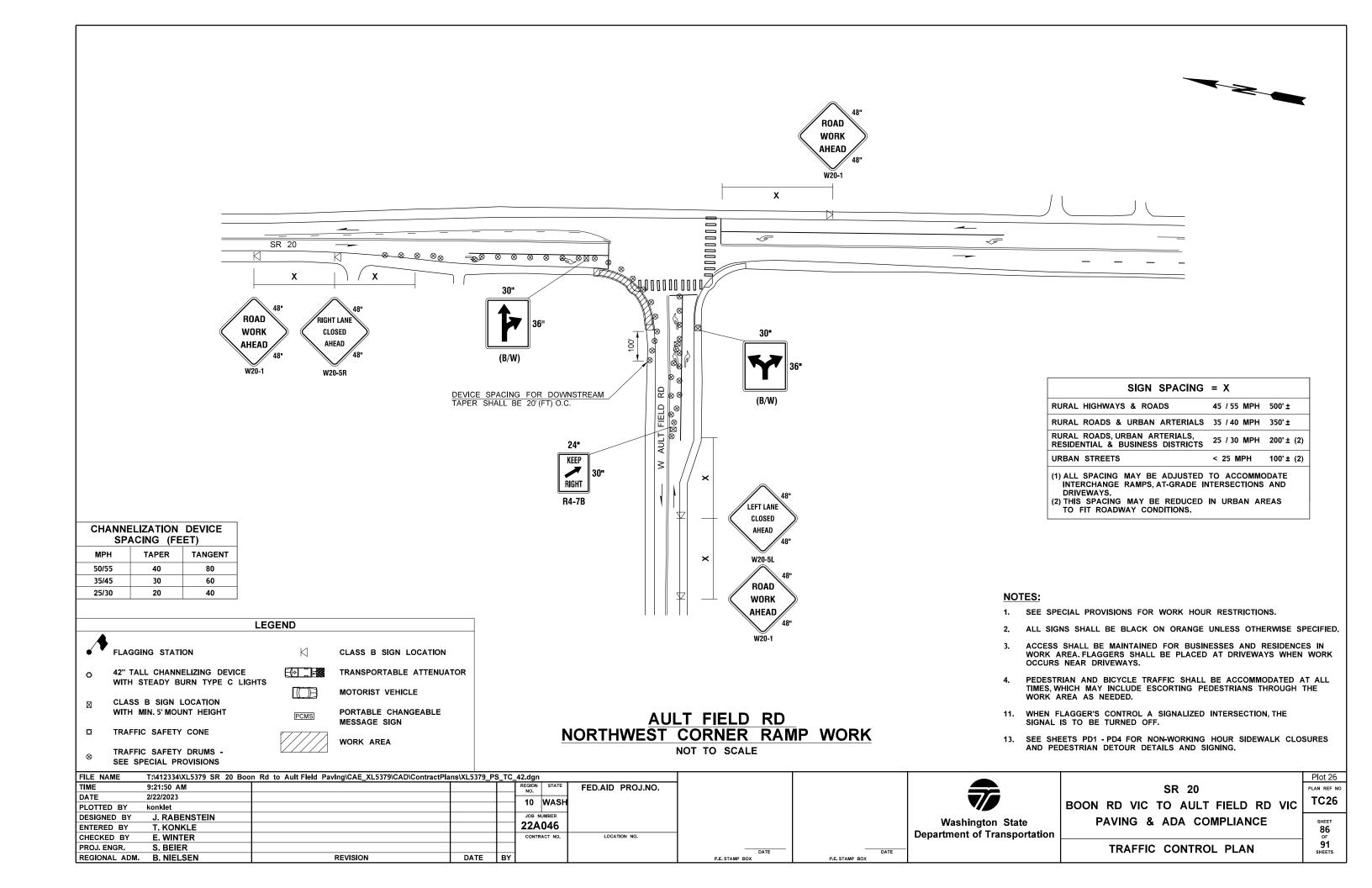


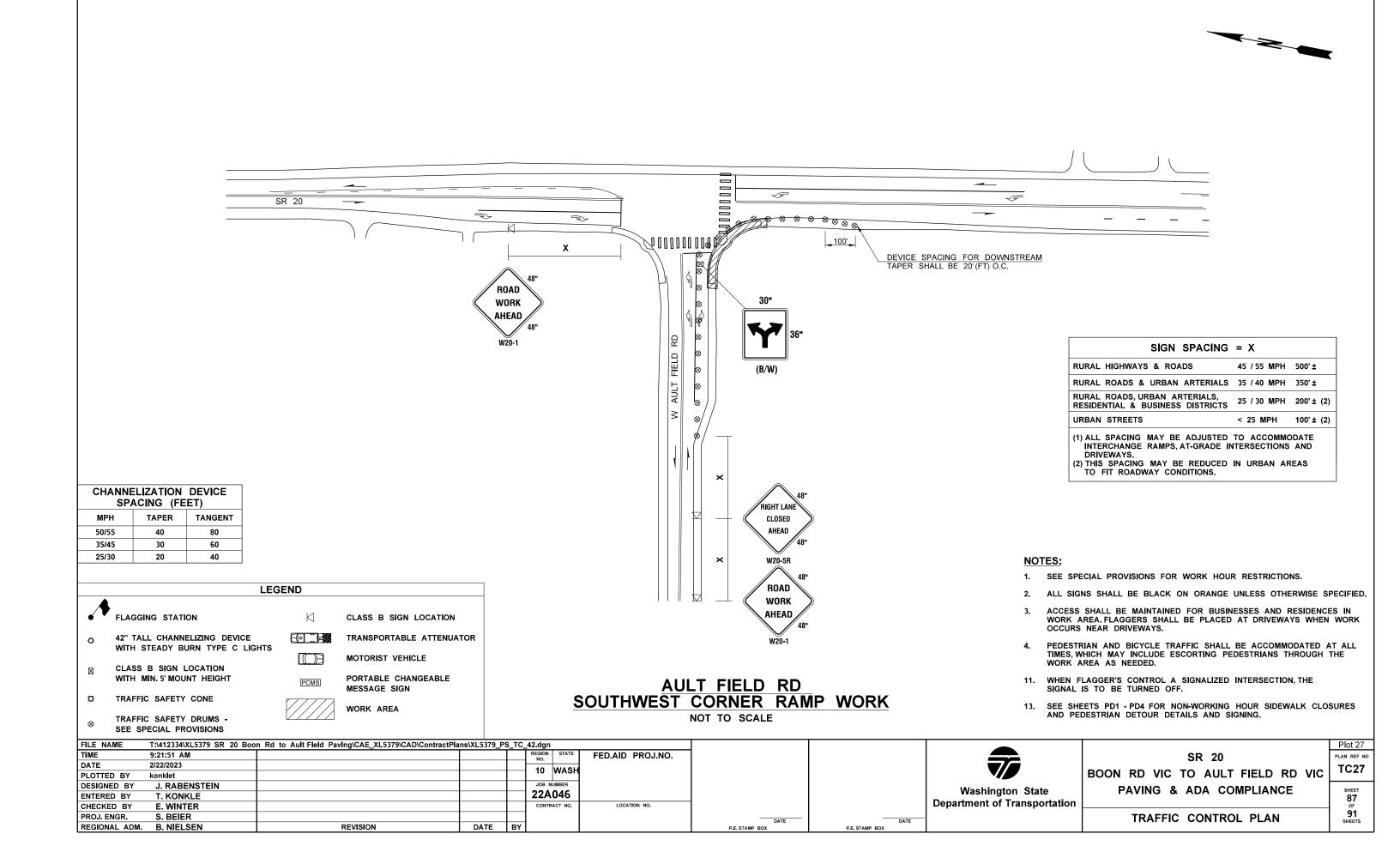


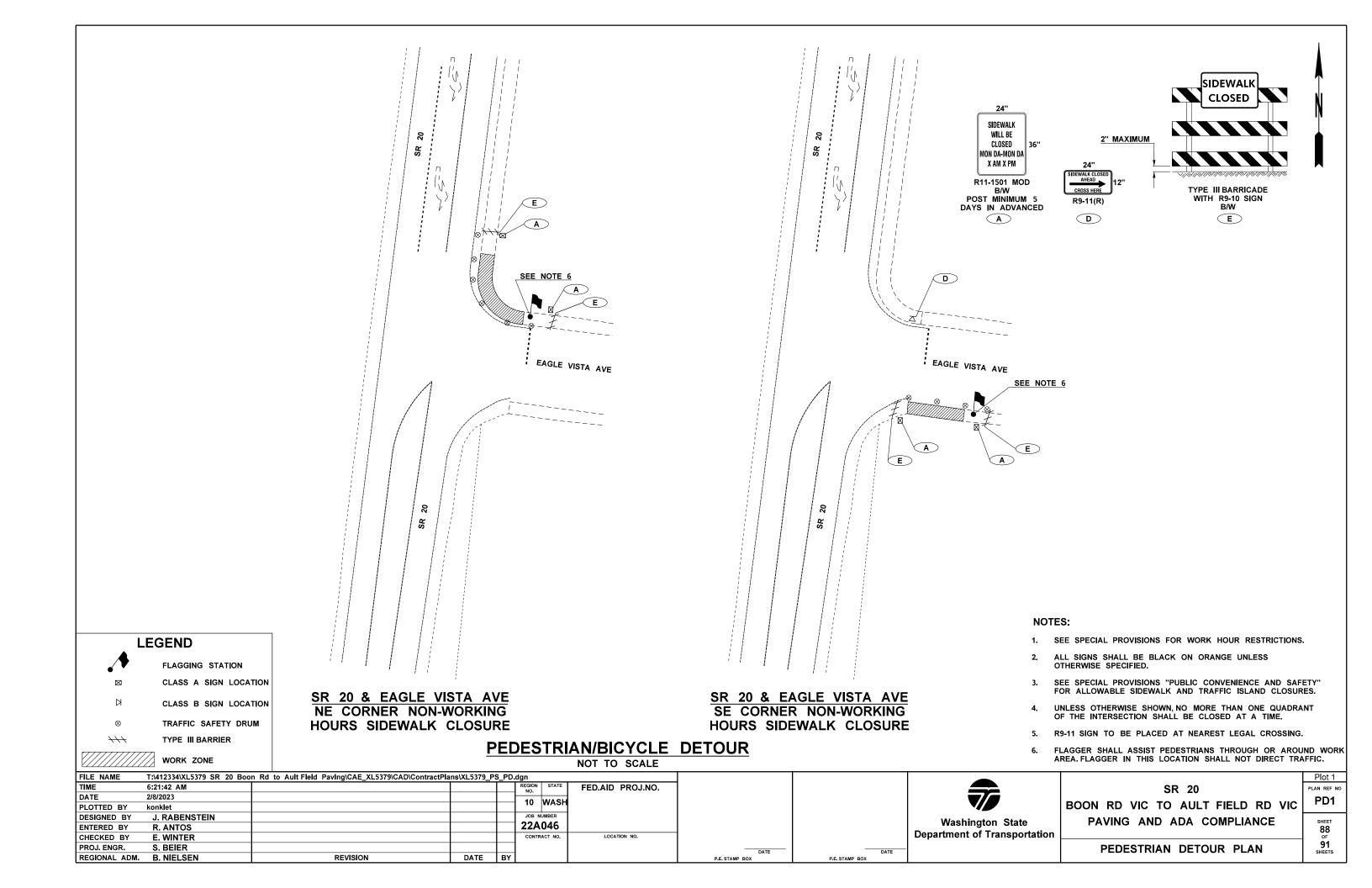


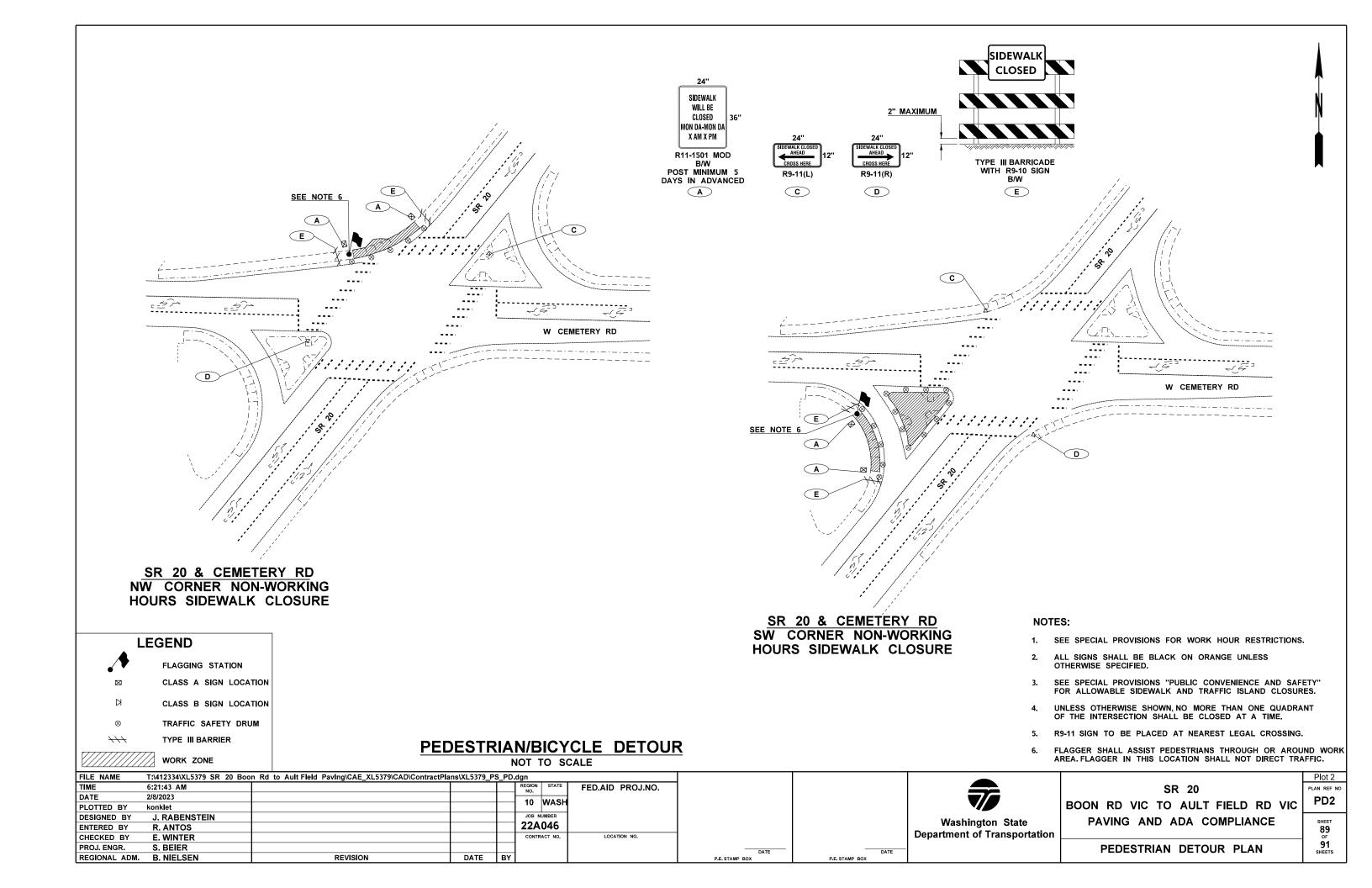


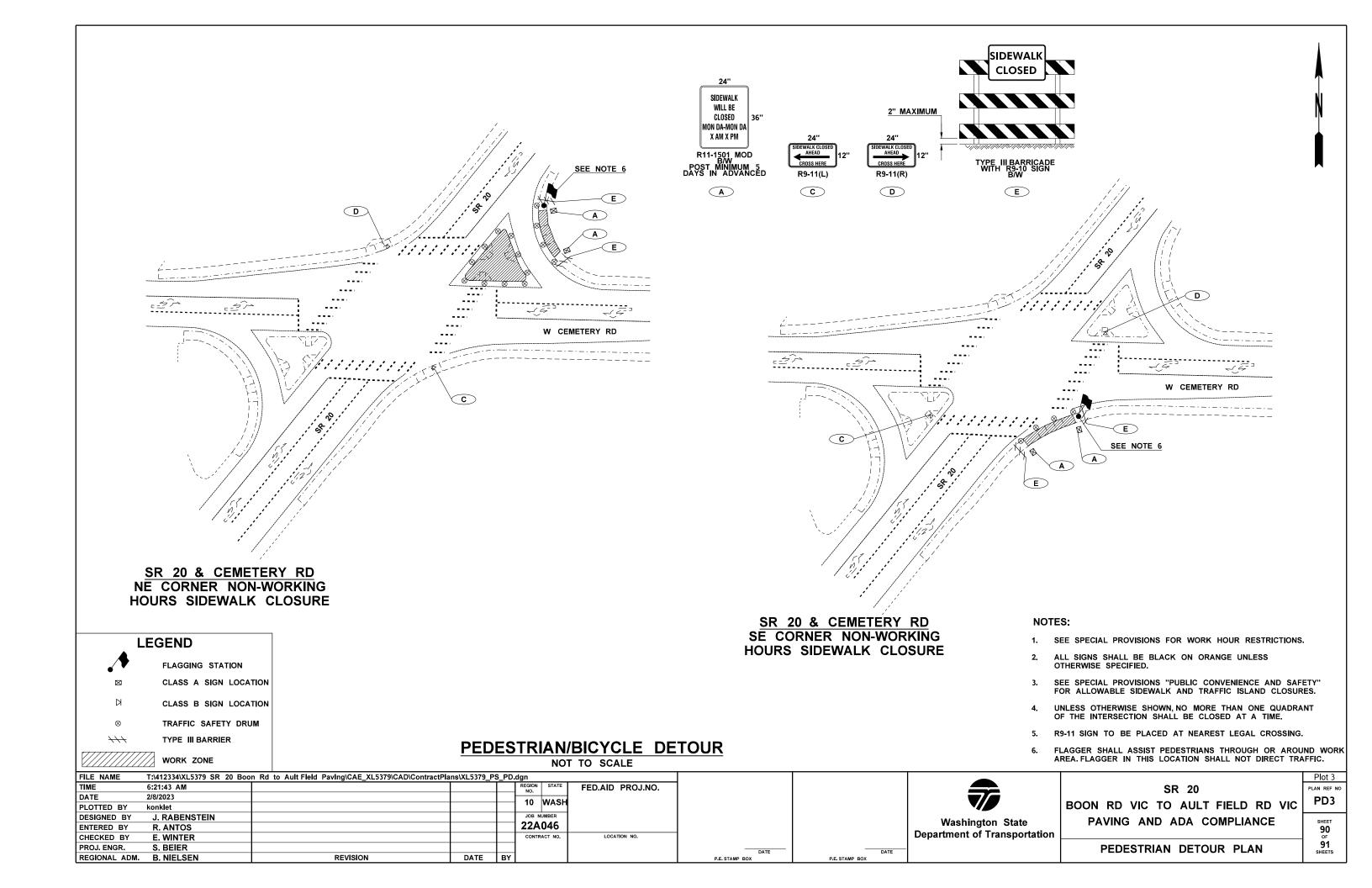


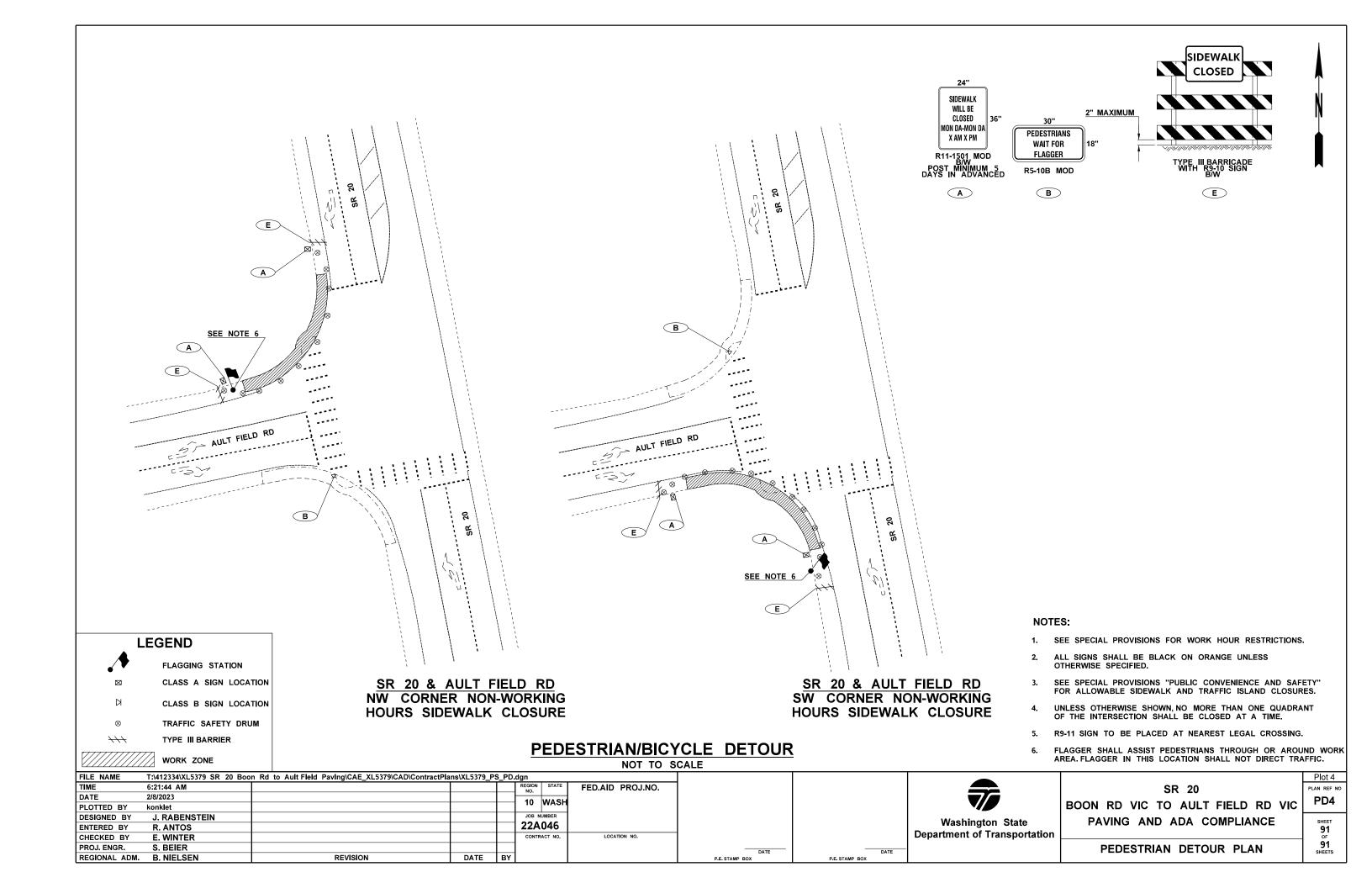












22A046 - Ad Copy Plans

Final Audit Report 2023-03-07

Created: 2023-03-06

By: Darlene Sharar (ShararD@wsdot.wa.gov)

Status: Signed

Transaction ID: CBJCHBCAABAAridHWm36_omj9150bPHIKIWf9t-wys5y

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- Signer dod@wsdot.wa.gov entered name at signing as DUKE H DO 2023-03-07 3:59:16 PM GMT- IP address: 198.238.213.151
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